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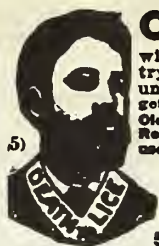


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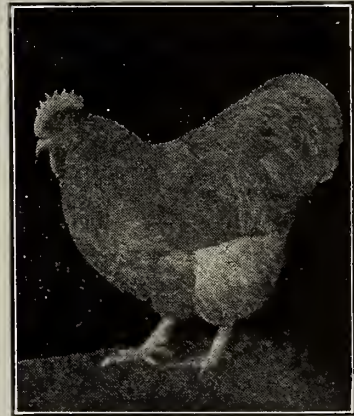


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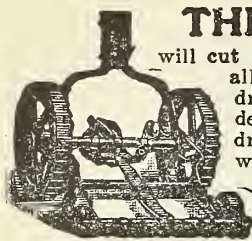
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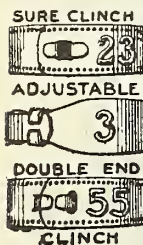
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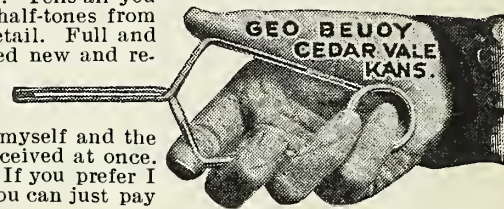
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White Rock eggs \$1.00 to \$1.50. No stock for sale.

Blue Andalusian eggs from two prize pens, \$1.50 and \$2.00. A few extra nice trios for quick sale at \$10.00.

Show stock a matter of correspondence.

LOMBARDY HEIGHTS POULTRY FARM

J. O. REID, PROPRIETOR,

STANFORD, KY.

THE INDUSTRIOUS HEN

VOL. XI.

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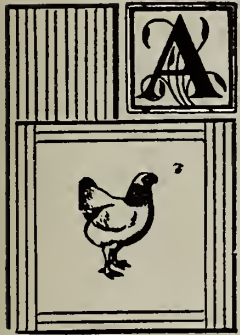
(Whole No. 124)

No. 5

How to Prepare Birds for Showing.

Every Bird Should be put in the Best Possible Condition Because in Most Cases the Exhibitor Who is Careful in the Feeding and Grooming of Birds is the One Who Wins.

By Loyal F. Payne, Poultryman, Agricultural Experiment Station, Stillwater, Okla.



ALL poultrymen should be thinking of getting something ready to exhibit at the shows this winter. The prize-winning birds are well along toward maturity by this time. Just as the "early bird" to leave the roost gets the worm, so in nearly all cases, the early maturing bird "caps" the ribbon. Long before the show season opens, an experienced breeder can go into his yards and select pretty closely the birds that will best represent his flock. As soon as this selection can be made all of the

birds intended for exhibition purposes should be placed in a pen to themselves and given the very best care and management.

One of the first things to provide for this "select few" is a good shade and if possible let it be the coolest place on the farm. After this feature of the fowl's comfort has been carefully looked to see that they have good shelter, lots of room and clean, fresh food and water. The ration should consist of a variety of whole grains, ground food, green food, grit, ground bone and animal food to within ten days or a week of the first show, at which time only whole grain and grit should be fed, whole corn being the best grain to feed for dark colored birds. A little sunflower seed in the ration will add gloss to the plumage, but as food has an influence on the color of the plumage white birds should be fed on bran, middlings, wheat and oats, ground and whole. The ground wheat may be moistened with skimmed milk or buttermilk. Avoid getting the birds overfat.

When the first selection is made it is well to pick out more birds than one expects to show, because they will develop differently and what appears to be a rather inferior bird at one time may "come out" wonderfully with the special treatment.

A few days before the show select the birds to be exhibited and singly place them in exhibition coops. By doing this the birds become familiar with their coops and

will appear to a much better advantage before the judge. Go over each bird carefully and see that it is in the "pink" of condition. Have all of the feathers straight, and in Barred Rocks the black feathers throughout the body, fluff, back, neck and breast pulled out, also the black flecking in white birds. The shanks and feet may be washed with a tooth brush and the dirt removed from under the scales with a tooth pick. Exercise care not to make the scales bleed. The beak, shanks and toes may be polished by rubbing them with sweet oil in which has been mixed a drop or two of carbolic acid. The comb, face and wattles may be improved by applying a little glycerine and sweet oil.

White fowls are usually washed two or three days before they are exhibited. To do this one needs four tubs half full of lukewarm water. In the first do the scrubbing, using plenty of good, white soap. In the second and third rinse the fowl in clean water, and in the fourth blue it in water colored about as one would blue clothes or less. Begin washing at the head, washing hackle, back, tail, breast and then rear fluff. Always rub with the feathers using plenty of soap and rubbing until the plumage is white. The soap must all be out of the plumage when the bird is allowed to dry or the feathers will not fluff out in their natural way. Let the bird drain on a clean cloth for a short time and then place in a coop well bedded with clean straw or shavings and allow it to dry slowly. If the temperature is too warm the plumage will curl. Watch the birds carefully during this time for there is danger of their taking cold.

Having told you some of the things to do to get your birds in condition for showing, I now want to urge you to send your entries to the secretary of the show where you intend to exhibit, at least three or four days before the show opens. The large shows require all entries to be in the secretary's hands a certain time before the opening day,

but it is customary for small shows to receive entries up to 9 or 10 o'clock a. m. of the first day. It is a common failing among exhibitors to put off making entries until



Partridge Plymouth Rock female, bred and owned by C. J. Loyd & Son, Greensburg, Ind. If you are interested in this popular bird, write them for prices and full description.

the very last minute. This works a hardship on the secretary and also on the superintendent who in all probability would have to rearrange the exhibits in the show room in order to have the late entries properly classified.

Please understand that by sending entries I do not mean the sending of your birds. You should get a premium list and entry blank from the show secretary two or three weeks prior to the show. The premium list will contain all the rules governing the show. Fill out the entry blank according to the rules and the instructions printed on the blank, and then forward the entry blank together with the proper amount of money to cover the entry fees, to the secretary several days before the show opens. Your birds should be shipped in plenty of time to reach the show on the date for receiving exhibits. Shipping instructions are always printed in the premium list. Be sure and prepay the express charges on your exhibit. A card showing your name and address and the kind and number of birds should be tacked on each coop.

POULTRY RAISING IN KENTUCKY.

Work as is Being Carried on at the Kentucky Agricultural Experiment Station—Plan for Good Practical Poultry House Suited for Farmer or Fancier.

(By J. J. Hooper, Head of Animal Husbandry Department, Kentucky Experiment Station, Lexington, Ky.)



IN REGARD to the poultry work at the Kentucky Agricultural Experiment Station, will say that the poultry yards were established last October. The birds were moved from another part of the station farm to the present yards and birds of several varieties were purchased during the winter. The birds at the farm now represent ten different varieties and that is about as great an assortment as will be used. The birds at the station represent the light, medium and heavy breeds.

The purpose that the station has in view in its poultry work is to increase the business in Kentucky and to carry out experiments that will serve to help the poultrymen. Experiments are under way relating to the proper methods of feeding and managing chickens and turkeys.

The poultry industry in Kentucky is more extensive than most people realize. The birds in this State produce annually \$7,605,116 worth of eggs and our farmers and poultrymen raise \$7,000,000 worth of birds annually. The people who are principally engaged in the poultry business are farmers. Anything that can be done to interest this class in replacing of mongrel birds with purebreds will serve to expand the poultry business.

Many of the waste products of the farm can be profitably fed to the flock, but one must not lose sight of the fact that the feed must be pure and wholesome. The farmer who raises grain and who has a great deal of waste material can keep poultry with the greatest profit.

At the experiment station farm the birds are maintained primarily on grain and dry mash and some form of green food. In the winter the ration for laying hens consists of two parts cracked corn and one part of wheat, but in the summer the feed consists of one part of cracked corn and two parts of wheat. Appreciating the fact that wheat was at its lowest price in August we laid in a supply of over 200 bushels while the market was low. A poultryman who resides in a village showed us 100 bushels of wheat in his feed house that he had purchased from farmers at 77 cents delivered. There is no better feed than wheat.

In addition to grain the poultry should be furnished with a dry finely ground mixture which may consist of many feeds, or of only three or four. A mash that can be prepared by any farmer consists of equal parts of bran, corn meal and shorts. The green feed to be supplied in winter may consist of green oats, cabbage or rye that is cut and brought to the birds. On pretty days the birds can gather most of the green feed for themselves if they are allowed to pasture on grass

or rye. Such feed stimulates egg production and keeps the digestive canal in working order. In the summer at the experiment station an effort is made to keep the young birds out in the fields where they gather bugs, etc., in great quantities.

The Kentucky Agricultural Experiment Station in establishing its poultry department last fall, constructed eleven different types of poultry houses suitable for the use of farmers. The type shown in the cut is considered the best of all. It is 8 by 14 feet in size, 7½ feet high in front and 5 feet in the rear. It contains 112 square feet of floor space, or enough for 22 grown chickens.

The walls of this house were cheaply constructed out of rough 1 by 10 inch, number 2 pine boxing. The cracks were stripped over with ½ by 3 inch pine. It was then whitewashed inside and out and the frames for the curtain front were painted. The roof is covered with composition roofing. The house is therefore of cheap construction and it has been found dry and sanitary. There is 30 square feet of curtain front. The fact that the front wall extends two feet above the floor supplies additional protection. Also the shed roof serves to drain all the rain water to the rear.

All the poultry houses at the Kentucky Experiment Station were built on posts that are 14 inches high. This serves to eliminate trouble from rats which hover under a house which is built on the ground. The space under the house furnishes a cool place for the chickens to congregate during the hot days of summer.

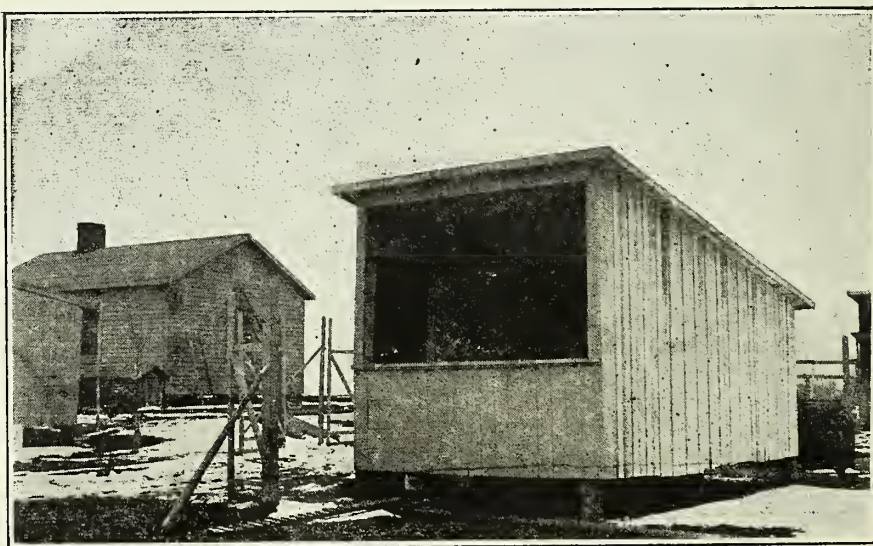
A window two feet square was placed six inches above the floor in the rear wall of the house. All of the houses face the southeast. The morning light enters the front of the house and the afternoon sun shines through the window under the dropping board. Therefore the birds work the straw back and forth. In the summer the window will be removed and a wire screen placed over the opening.

Cost of material and labor:

Lumber	\$20.10
Labor	12.75
One and one-third squares of roofing at \$2... ..	3.00
Hardware	2.35
Whitewashing inside and out ¾ day labor..	1.13
Whitewash material17
Paint and labor60

Total \$40.10

The station held a first class poultry show at the university during Farmers' Week last January. Over 400 birds were included in the show and everything was so satisfactory that probably over 800 birds will be exhibited at this show next January. Coops valued at approximately \$1,800 have been purchased for this show. Hundreds of visitors who attend the various live stock and agricultural meetings during Farmers' Week visit the poultry show. It is believed that this exhibition will serve a useful purpose in materially increasing interest in poultry raising in Kentucky.



One of the types of poultry houses used on the Kentucky Agricultural Experiment Farm, Lexington, as described in this article.

THE POULTRYMAN'S OPPORTUNITY.

There is Danger that Good Flocks Will be Sacrificed on Account of the High Prices of Feed, and Other Conditions Brought About by the European Wars.—Eggs and Poultry are Certain to be High and Scarce.—The National Egg Laying Contest Monthly Report.



HERE is no reason for good poultrymen to be alarmed because of the present situation which we are facing on account of the European wars or the high price of feeds. The man who has a good laying strain of purebred poultry is going to get enough eggs this winter to pay his feed and labor bills and net him a nice profit. Neither will the man who has a good strain of purebred exhibition poultry suffer, because good breeding stock and eggs in 1915 are going to be scarce and high.

We believe that eggs will likely be higher this winter than ever before. So the good poultryman need not be alarmed. On the other hand, we believe this is really the poultryman's opportunity. But the fellow who will suffer most is the man who has scrub poultry that has neither been bred for eggs or exhibition.

When times get hard or the price of other food products advance, then it is, as is shown by the past history of the industry, that people turn more to poultry raising than before. Thousands of shop men, clerks, mechanics and laboring men in cities and small towns then turn to poultry as a side line to help pay the "high cost of living." It is certain to be so again. However, because of this uneasiness, there is great danger of many many fine flocks, which it has taken years to breed and perfect, being sacrificed this fall and winter. This war is causing feed to advance in price, but it will also cause eggs, poultry and practically all other food products to advance in proportion. Poultrymen will be inclined to become frightened at the high cost of grains and sell off their stock so close that their business will be crippled this winter and next season. The price of eggs is going to be high beyond a doubt. The question with you ought to be, "How to get the egg." There will be a great demand next season for eggs and stock for breeding purposes. Our advice is not to decrease your flock in size so that your business will be crippled this winter or next season.

We have harvested the greatest grain crops we have had for years. Beef, mutton and pork are scarce and high, and are rapidly advancing in price and continually getting scarcer. The world must depend upon the United States largely for its food stuffs. One of our own Missouri packing plants has received an order from Canada within the last few days for a million pounds of dressed poultry. Some of this we understand is for export to England. Take courage, my friends, for if I am not mistaken the greatest opportunity that ever offered itself to American poultrymen lies before you within the next two years. It will take these warring nations several years to recover from the effects of the war, even if it should close now.

We don't advise overdoing the thing. We would not keep a lot of surplus males not fit for sale or use as breeders. Don't keep a lot of drones or dead beats, or a lot of old hens which have outlived their usefulness. Get rid of all dead weight, but do not become unnecessarily alarmed and sacrifice a valuable flock which is almost certain to make you good money before the next season has closed.

The hens in the National Egg Laying Contest at Mountain Grove, Mo., did almost as well in August as they did in July. The 600 hens in the National contest proper have averaged 149 eggs per hen in nine months, which is five eggs more per hen than they averaged in twelve months last year. The Leghorn section has done nearly as well, but the utility contest has never done as well as it should have done. The hens have been difficult to keep in condition and they got a poor start at the very beginning.

The total number of eggs for August was 13,909. A Missouri pen of White Leghorns from Marshfield won the honors for the month by laying 220 eggs and also worked its way up to second place. The English pen is still leading all others by 228 eggs for the whole time. This entire

(Continued on page 95.)

THE SMALL BACKYARD POULTRYMAN.

Here is Where You Can Help Cut Down the "High Cost of Living."—Keep a Small Flock of Birds in Your Backyard.—Every Family Should Produce a Garden and All the Poultry and Eggs Consumed.

By T. F. McGrew.



IN THESE days of big things we hear so little of the small land owner as to create the impression that there are but few of them. Yet there are more than ever before and they are gradually solving the problem of profitable poultry keeping. A valuable lesson in the art can be gained from passing through the alleys of towns and rural districts and seeing how many take advantage of poultry keeping in connection with vegetable growing and gain a profit from cultivating a small patch of land

in the rear part of their homes. For example, one man on a lot sixty feet wide and eighty feet long raised in the rear of his home, on soil that was naturally stony, sufficient vegetables to supply a family of five; to store away enough to largely supply the home table throughout the entire winter, and in addition, sold enough to pay for the seed,

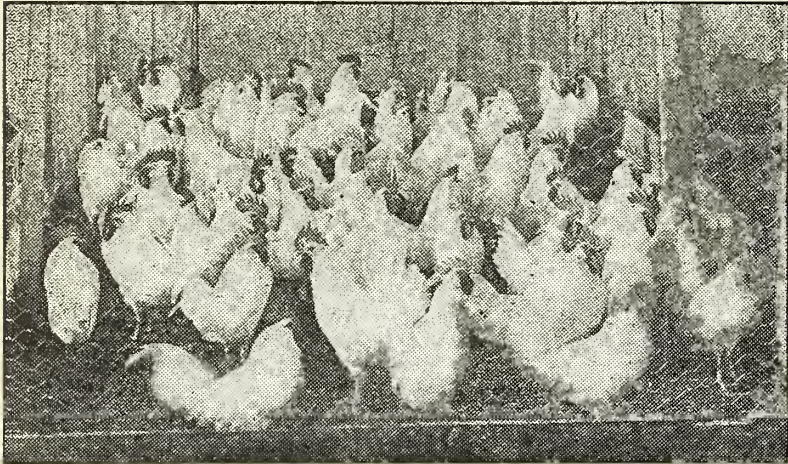


the fertilization and the extra labor that was employed in excess of what the father was able to do.

In a poultry house built on the corner of the same lot from sixteen to twenty hens are kept, from which more than enough eggs are gathered to pay for the keep of the hens and to provide the family with all the eggs required for the table. No effort is made to raise young chicks on this piece of ground. As spring approaches, and in fact throughout the entire summer, while eggs are cheap, the flock is lessened, and by the first of August all the hens have been used for table meat. The poultry house is then well cleaned and fumigated and the yard where the hens run is dug up and planted with radishes or beets. This crop is gathered before the first of November, at which time a new lot of early-hatched pullets are purchased and placed in the building. These pullets begin to lay just at

the time when eggs are relished and when they sell for the highest prices.

An estimate of the income from this yard, based entirely on the amount paid for vegetables and eggs for several years prior to purchasing the home plot, shows that an average of \$165 a year was saved on vegetables alone, more than \$37 was saved on eggs and in addition a more plentiful supply of both vegetables and eggs was furnished for



Flock of S. C. White Leghorn cockerels on Golden Rod Egg Farm, Hardinsburg, Ky.

the family table. Thus, the expense of this one family was reduced more than \$200 per year, and this was accomplished by the personal labor night and morning of the head of the family, who could do such work only before and after office hours.

There is no doubt that thousands who work in offices, stores, shops and factories could do equally well. When we pass along and examine critically the many back-door lots that are neglected and the few that are carefully cultivated we are led to believe that not more than one in ten is anxious and willing to help himself. If a united effort could be made in all towns and villages to train men, women and children to grow vegetables and care for poultry, the seven million families of the middle classes or common people, so-called, could, if they would, raise an equal amount. If each of the seven million families would produce but \$100 worth of vegetables and poultry, not only would the cost of living be reduced, but seven hundred million dollars of food value would be added to the produce of the United States. A work of this kind carefully carried on would not only improve the condition of many people, but would also add greatly to their health through working out in the open.

The five thousand members of the American Poultry Association represent perhaps one-fourth of all the poultry fanciers of America. Perchance there are twenty thousand fanciers who raise standard-bred fowls and who are more or less interested in the six or seven hundred poultry shows held throughout the United States. Perhaps not more than five hundred have poultry farms of any considerable size.

There may be scattered throughout the United States as many as five hundred farms of more than twenty acres devoted exclusively to poultry. We know that poultry is kept on more than seven million farms of the United States. The average number is less than sixty fowls per farm, so that it is plain to be seen that the greater part of all the poultry grown in the world is grown by those who keep small flocks.

It is surprising to know how large a number of persons keep poultry for pleasure and the greater part of all this class keep fowls for the sole purpose of breeding something better than the average to send to the local poultry shows. Many follow the hobby for pure love of the fowls and are well satisfied if able to sell a sufficient number of fowls for breeders and eggs for hatching to pay the actual expense. Some are inclined to term this a useless plan of poultry culture, but in this they are mistaken, because the beginning of marked improvement in poultry was due to the fanciers who made and perfected the numerous breeds and varieties that have become so valuable as egg producers and for table poultry.

The chief cause of failure in poultry keeping is carelessness, which is responsible for the greatest part of all the ailments poultry seems heir to. For instance, colds and roup come from confining hens in quarters too small for

them. When kept in such quarters they become overheated, then chilled and the glands of respiration are inflamed from the poisoned air they are forced to breathe. Poisonous odors cause disease, with the result that few eggs are laid. Disease would be avoided if proper ventilation and cleanliness was the rule. Many persons imagine that by simply feeding the hens occasionally they will produce a good supply of eggs. This cannot be, it never was and never will be. The only way to succeed in poultry keeping is to know how and to follow the rules necessary to success.

The beginner in the poultry business should have some knowledge of the needs of poultry and be willing to learn. Thousands who go into the poultry business, as they call it, fail to succeed and although the percentage of failures in the poultry business is no larger than in the grocery or other mercantile business, the cause is ascribed to the business instead of to the man.

THE HEALTH OF THE LAYING HEN AND WHAT IT MEANS.

Keep the Hens in a Healthy Condition at All Times.—You Will Get Greater Profits.—Eggs Laid by Hens in an Unhealthy Condition Are Unfit for Hatching and Eating Purposes.

By J. Gaylord Blair,



THE number of eggs laid by any hen is governed by the health and condition she is kept in and unless the laying hen is kept in the best of condition at all times, no great results can be expected. It is needless to say that "Lady Show You," the White Plymouth Rock hen that won first prize in the National Egg Laying Contest which was held from November 1, 1913, to October 31, 1914, at Mountain Grove, Mo., with a record of 281 normal-size, normal-weight eggs in 365 consecutive days, was in perfect health during the entire time. Had the egg organs of this noted hen been out of condition at any time or any part of the time, she could not have possibly made such a wonderful record. There are any number of egg



White Wyandotte male bird, showing excellent type that is winning in the best shows today all over the country.



FIRST PRIZE COCKEREL & HEN
WINNERS AT MADISON SQUARE GARDEN DEC. 1911 OWNED BY J. FRED KENNEDY
BIRCH CLIFF, ONTARIO, CANADA

farms that have failed and are failing today because they can't produce the required number of eggs per hen each year on account of not being able to keep the egg producing organs of the hen in the proper condition. This is where the fancier falls down in producing eggs that will hatch strong healthy birds, for breeding birds with diseased organs can't produce eggs that will give you the required results.

A good many years ago I mated up a pen of Buff Plymouth Rocks which contained a very fine cockerel and eight very fine two-year-old hens, extra looking breeding birds in every respect and they had the best of care, and the condition of them in my mind was ideal for breeding purposes, but to my sorrow the results from this pen was very unsatisfactory, a very small number of eggs produced and from this number the birds hatched were very weak and lacking in vitality. I was at loss to know just what was the matter with this mating, but upon close study and observation I found the majority of the hens were in an overfat condition and were suffering from what is known as breakdown. Had I known the characteristics of this trouble I would have realized that I could not have been very successful with these birds. Birds affected with this trouble will never amount to much as layers or breeders and about the best thing to do with them is to sell them off for market purposes.

This trouble is confined mostly to old hens from two to five years or older and is very easily recognized, for the name of the trouble certainly describes their condition. We have many times noticed old hens in this condition dragging the ground nearly. This is seldom seen in pullets and never in male birds. The trouble is very common in farmers' flocks or flocks where they are fed the year around on nothing but corn. It is caused by feeding too heavily on fat-producing foods which produces large quantities of fat in the abdomen and the result is this "baggy" condition which is very annoying to the owner.

As we have said above, the best thing to do with such birds is to dispose of them at once for market purposes and try to prevent any further spread by feeding your flock in the right manner and not getting them too fat, for such birds are never successful egg machines or breeding birds.

We might trace all cases of egg bound birds back to overfeeding and the lack of knowledge of the owner to care for them in the right manner. This egg bound condition appears more during the fall months than at any other time of the year and is more common in the large breeds such as the Plymouth Rocks, Wyandottes, Brahmas, etc., than in the Leghorns or some of the smaller varieties and breeds. It is very hard to find any of the smaller breeds in this overfat condition. Pullets as a rule are not likely to get in this condition but usually it is the old hen from one to three years that is bothered with this egg bound condition when she begins laying her first clutch of eggs after coming through the molt. The overfat condition that she is in will prevent the eggs from being laid in different ways. We have known the fat to collect in large quantities at the lower end of the abdominal cavity and prevent the egg from being passed, and other cases have come under our observation where the walls had become weakened by these large quantities of fat and had given away and allowing the egg contents to pass into the abdomen. This is usually hastened while the bird is straining, trying to pass the egg. In these cases inflammation will set up in the abdominal cavity and the bird will live but a short time unless something is done immediately. Many birds in this egg bound condition will often die from heart failure while straining on the nest, trying to expel the egg. This is caused by the overfat condition of the bird's system which weakens the muscles of the heart and the overexertion of the bird is too much for the weak heart, and the result is, we find the bird dead on the nest.

A bird with egg bound condition is very easily noticed. They move about with little energy and the wings droop, often touching the ground. The bird will not eat and there will be some little fever and the appearance of the bird is very bad. By watching the movements of the vent you will see the muscles move as if she was trying to expel the egg. Many times they will go on the nest and stay the larger portion of the day, and coming off without any results. The comb will turn pale after the case gets to its worst stage.

In mild cases if you will inject a small quantity of sweet oil into the vent it will be found helpful in assisting the bird to pass the egg. Also give the bird a small dose of

castor oil. If after a few hours the eggs are not passed you should fill a jug with boiling water or use a tea-kettle, holding the bird over it for at least thirty minutes, allowing only the vent to be steamed, in which case this will relax the muscles, causing the egg to be laid. Where the egg or its contents has passed into the abdominal cavity, nothing can be done and the only and best thing to do is to kill the bird immediately. Death will be sure to follow in such cases.

Soft-shelled eggs can be traced back to the overfat condition of the bird which causes the egg organs to be in a condition not to properly carry on their daily functions. In one sense it is a diseased condition and should be looked after properly for when a bird is laying soft-shelled eggs it will lead to some other bad trouble and should be cared for promptly. About the only treatment to recommend for this trouble is to study your birds carefully, also their ration and see that you do not have your birds in this overfat condition and supply them with an abundance of grit, oyster shell and charcoal, also green food, and make the birds exercise after all the food they get. You will notice that more soft-shelled eggs are laid during the late winter months than at any other time of the year. By giving five to seven drops of fluid extract of ergot in a pint of water to the affected birds you will find it very good. Give every other day and do not allow any other water during these days.

Prolapsus of the oviduct is another disease we find among our layers and this is confined mostly to old hens, and while it is by no means a common disease, we very often run across it in our flocks when they have been housed up all winter and fed heavily on strong stimulating foods and some cases have come under my observation where the hen had been laying extra large eggs and to my knowledge had never been fed any stimulating foods and was not in an overfat condition. You will also find it after a severe case of inflammation of the oviduct. The first symptoms you notice is the protrusion from the vent which may be a dark red or a greenish hue in color and highly inflamed and the bird will sit and strain and in some cases go on the nest. About the only treatment that you can give the bird is to grease the parts well and replace them as gently as possible. It will be well to wash or bathe them with a 50 per cent solution of dioxygen and water before replacing them. Give the bird very little food and keep the bowels clean and open by giving castor oil or Epsom salts. Place the sick bird in a quiet and cool place.

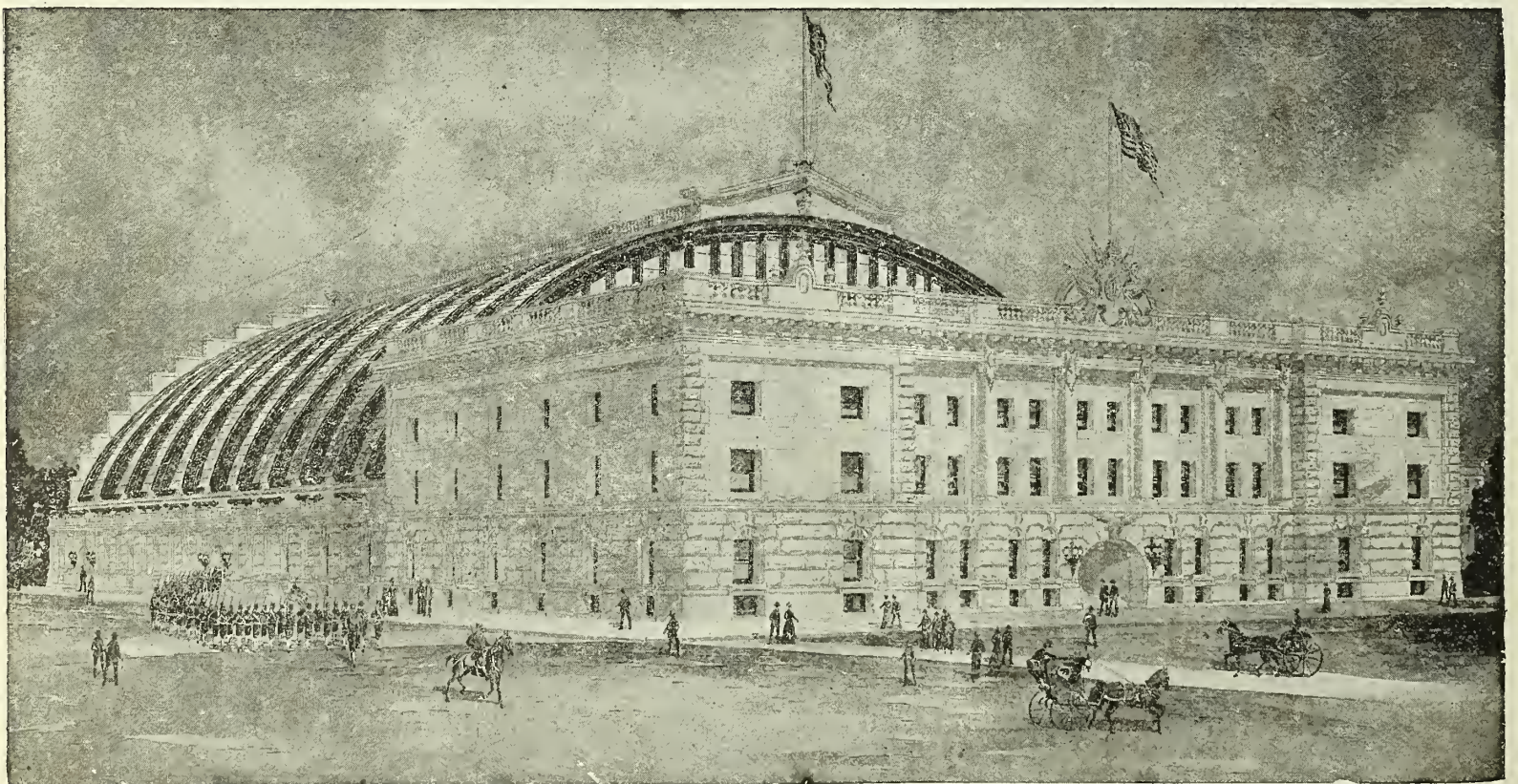
Inflammation of the oviduct is in my opinion one of the



S. C. White Orpington male, prize winner at many shows; owned by Mrs. Walter Kenney, Paris, Ky. Look up her ad. and write her for prices.

worst trouble that can attack your layers, and it is not only very dangerous but is very painful and the bird suffers great pain. It is not contagious but appears in connection with an egg bound condition, or oftentimes from an egg being broken in the passage. It is very fatal unless you take immediate steps and give the bird careful treatment and attention. The bird always has a desire to strain and in doing this they very often break a blood vessel and death is certain then. In the early stages the bird will have a high fever which gradually decreases, the bird losing strength and finally dying from exhaustion. The symptoms in this are about the same as the other disease of the egg organs.

Separate the sick bird from the rest of the flock and give it a quiet place, and let your next consideration be the diet. If you think the bird has a broken egg in the passage, grease your finger with vaseline and insert gently, trying to detect it. If you find it present remove it as gently as



Louisville's big Armory, the largest of its kind in the United States. The Ohio Falls Fanciers Show will be held here Thanksgiving week.



Flock of S. C. White Leghorn pullets on Golden Rod Egg Farm, Hardinsburg, Ky.

possible, washing out the vent with a 50 per cent solution of dioxygen and water. Give the bird two grains of bicarbonate of soda with twenty grains of Epsom salts in the drinking water. Keep the bird quiet for several days.

We have only one contagious disease that affects the egg organs and this is vent gleet, and unless you take quick steps to stamp it out of your flock as soon as you notice the first case, it is bound to cause you a lot of trouble and work. Just as soon as the male bird becomes affected with it the entire flock will then have it, as it is propagated by copulation. It is an inflammation that attacks the cloaca and the first symptom you notice is the bird trying to pass excrement, but still nothing is passed. There is a milky discharge which will form a crust on and near the vent. It is very offensive. The quicker you take such troubles in hand the better off you will be, for vent gleet is highly contagious and will spread through your entire flock unless something is done to check it immediately. Bathe the parts inflamed with as warm water as can be borne to the bird or allow the bird to sit over a steaming kettle; to this water add two teaspoonfuls of creolin to each two gallons. After bathing these inflamed parts with warm water you can cleanse them thoroughly with dioxygen and water, about a 40 per cent solution. If the discharge still continues use the following solution: one ounce of distilled water in which dissolve three grains of sugar of lead and three grains of sulphate of zinc. Take some absorbant

cotton making a swab and insert into the vent three times a day. If this does not affect a cure in a reasonable length of time you had just as well kill and cremate the sick bird.

The health of any laying hen means more than one would really suspect and unless the layer is in the very best of health at all times, you cannot expect to have her produce a very large number of eggs, and neither will her eggs be suitable for hatching purposes unless her system is in perfect working order. Poultry raisers should give this important question more consideration for the health of the laying hen is the foundation of any poultryman's success.

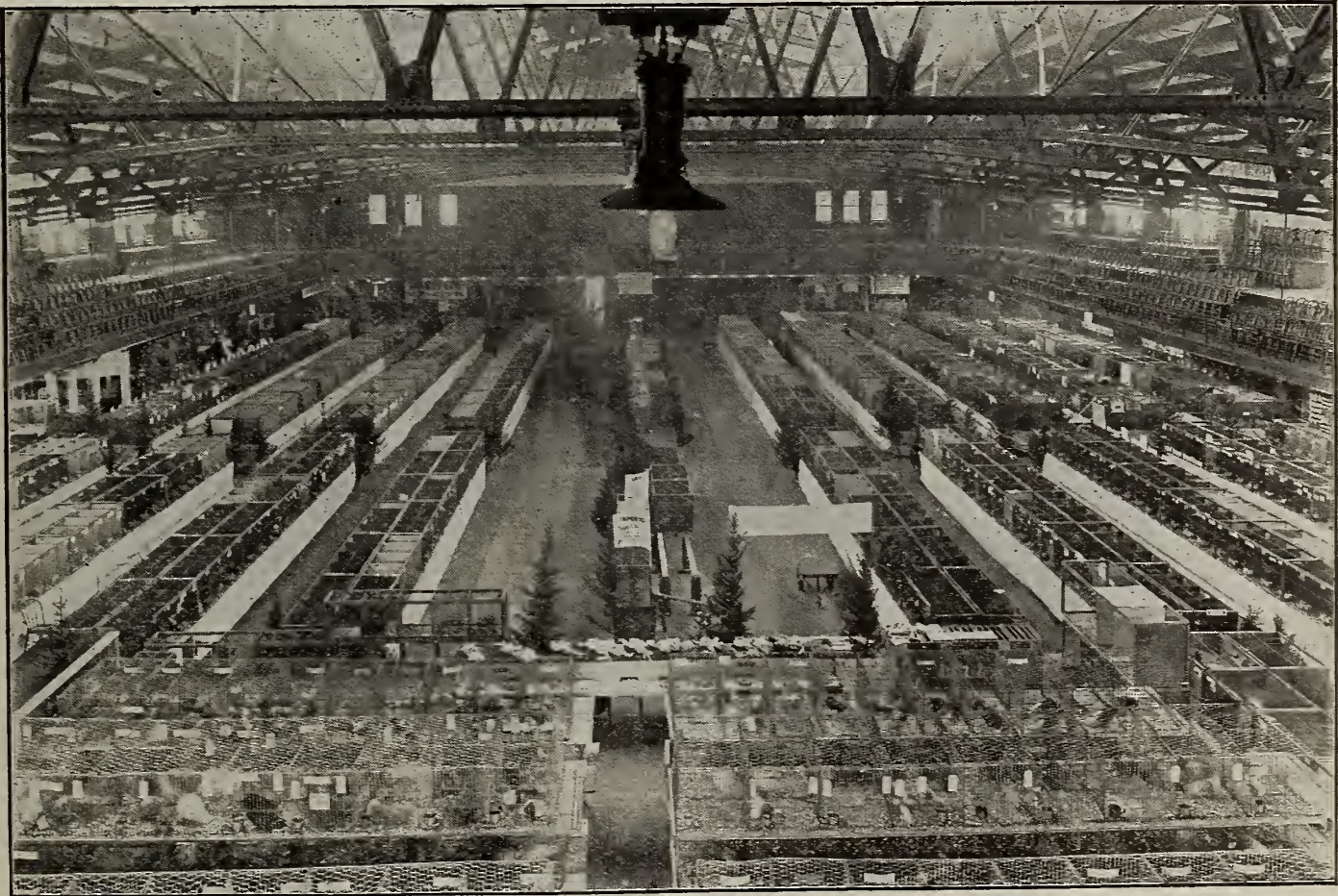
THE KENTUCKY STATE FAIR POULTRY SHOW.

Greatest Poultry Exhibit Ever Held in the History of the Fair.—Awards Were Placed by Pickett and Hewes.—Uniform Cooping Added Much to the Attractiveness of the Show.

THE greatest poultry show ever held in the history of the Kentucky State Fair has just come to a close. The quality of the entire show was never better and the condition of some of the birds was as good as in the winter poultry shows. The interest shown in poultry and pigeons in this section was never greater and we are glad to see this great interest being manifested by the poultry breeders and fanciers in this section. The show contained, by actual count, 2,200 head of chickens, turkeys, ducks and geese and something over 400 pigeons. The entries have never been this large in the history of the fair.

Some great improvements were made this season in this department. The show was cooped with the Keipper coops which are owned by the State and will be used every year at the Kentucky State Fair and also at the Kentucky State Poultry Show at Lexington, during Farmers' Week. Great improvements were also made on the poultry building in the way of ventilation and light, making it much better than in previous years. But if the interest continues to grow as it has this year, it will be necessary to build a larger poultry building in order to take care of the birds.

The silver cup offered by the Kentucky Poultry Association for the best male bird in the entire show was won by Chiles & Co., Mt. Sterling, Ky., on a Buff Orpington cockerel. This bird was a beauty and ideal in shape with color hard to find in Buff Orpingtons. (Continued on page 97.)



The above illustration shows an attractive show room. Nothing does the poultry industry more good than a live, up-to-date show.

SUBSCRIPTIONS—One year 50c. Three years \$1.00. Foreign subscriptions 75c. In order to start with current number, the subscriptions must be received at the office by the 10th of the month.

PUBLISHERS' ANNOUNCEMENT—All manuscript and copy for change of advertisements should be in our hands promptly by the 10th of the month preceding date of issue. **THIS IS IMPORTANT.** New business can be accepted as late as the 25th of the month, but special position cannot be guaranteed.

CORRESPONDENCE—We cordially invite letters and articles from all our readers on any subjects of interest or value to the poultry industry. Send in some matter; your experience and observations may be just what some one may be looking for and save them from mistakes and losses you have suffered in the past. If you have something to tell our readers, don't fail to send it in. This is your journal; make good use of it and help to make it useful to others.



Absorbing Poultry Ideas, Louisville, Ky.; Practical Poultry, Birmingham, Ala.; The Poultry Times, Norfolk, Va.; Southern Poultry Magazine, Nashville, Tenn.; The Poultry News, Bustleton, Pa.; Tennessee Poultry Journal, Lebanon, Tenn.; The National Poultry Breeder, Owensboro, Ky.; Everybody's Poultry Journal, Nashville, Tenn.

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WE ALWAYS STOP THE MAGAZINE at the expiration of the time paid for unless a renewal of subscription is received. Those whose subscriptions have expired must not expect to continue to receive the magazine unless they send the money to pay for it another year.

MISSING NUMBERS—It occasionally happens that numbers of our magazine sent to subscribers are lost or stolen in the mails. In case you do not receive any number when due, write us a postal, and we will cheerfully forward a duplicate of the missing number.

AGENTS WANTED—We want agents to secure subscriptions. Liberal terms and outfit sent on application.

ADVERTISING RATES—\$2.00 an inch. Flat liberal discounts on contracts paid one year in advance.

CLASSIFIED ADVERTISEMENTS—3 cents per word per issue. No advertisement accepted for less than 50 cents, cash in advance.

THE OPPORTUNITY OF THE UNITED STATES.

NOW is our chance to benefit ourselves by helping humanity. In all the history of the United States, commercially, we never had the opportunity that we have today. Fate has eliminated America's commercial competitors. The world is ours.

I predict that for the next two years we will see a business boom in the United States the equal of which we have never before known. Everyone will make money who works, and all may partake of the prosperity.

We are a producing people. Our wealth was not gotten by conquest, exploitation or annexation. We have plowed it out of the prairies, cut it out of the forest, mined it out of the mountains.

In America there are no war lords. We have not even militant suffragettes. The armed bully has no footing here. We are farmers, manufacturers, transporters, miners, merchants, and when all Europe has gone crazy fighting, destroying and all the time consuming and only a few comparatively producing, this is our opportunity. And we are going to improve it.

We are a united people. It only remains for us to stand by each other, keep our tempers, keep our health, not allow our nerves to get on the outside of our clothes—and work!—Elbert Hubbard in New York American.

The old saying goes that "opportunity knocks at every man's door," and the above clipping, from the pen of Elbert Hubbard, it seems that the United States has never had the opportunity that is presenting itself today. The European war will no doubt help the United States in many ways and will cause a greater demand for articles produced in this country which will mean higher prices for the producer.

The poultry industry is bound to be improved to a great extent and we predict that eggs and fowls will be higher during the next twelve months than ever known. This will mean greater profit for the producer and he will be compelled to purchase new equipment and supplies, which will help the manufacturer. It is a dead certainty that if the poultry raiser gets large prices for his stock and eggs, he will spend a proportionate part in improvements and new equip-

ment. We believe that manufacturers of incubators, brooders, houses and poultry supplies of every nature will find that the season of 1914-15 will be the best they have experienced for many years.

The breeders will also find a ready sale for their surplus stock and eggs and at good prices. Watch our prediction and see if we are not right when we say that this European war will help the poultry business in the United States.

OUR GROWTH.

We wish to announce that during the past three years we have added the business of eight poultry papers to The Industrious Hen which gives us one of the largest and best circulations of any poultry paper in this section. We have spared nothing to make The Industrious Hen a paper that the poultry people in this country would appreciate and one that they would read and secure valuable information that would assist them to make more money from their birds.

The poultry industry today is no child's play and is considered as valuable as any other industry.

When we secured the circulation and business of each of the following poultry papers it gave strength to The Industrious Hen, and today it is recognized as one of the best advertising mediums in the country. The papers named below were all Southern papers with a circulation covering this field:

POULTRY IDEAS, Louisville, Ky.
PRACTICAL POULTRY, Birmingham, Ala.
THE POULTRY TIMES, Norfolk, Va.
SOUTHERN POULTRY MAGAZINE, Nashville, Tenn.
THE POULTRY NEWS, Bustleton, Pa.
TENNESSEE POULTRY JOURNAL, Lebanon, Tenn.
THE NATIONAL POULTRY BREEDER, Owensboro, Ky.
EVERYBODY'S POULTRY JOURNAL, Nashville, Tenn.

It is our desire to make some great improvements during the next few

months and to give our many readers the best poultry paper it is possible to give them. We will not only give you a larger paper but will find more and better reading matter from month to month. We want your co-operation and will be glad to receive suggestions from any of our readers as to where we can improve the appearance and make-up of our paper. We will also be pleased to publish any articles you may want to submit to us. Tell how you made a success with your birds. This information will no doubt help our other readers to be more successful. Remember, The Industrious Hen is your paper, and we want your help and co-operation.

POULTRY SHOWS IN THE SOUTH.

From present indications and the data we have received we believe the South will hold more poultry shows this fall and winter than in any previous year. This is the best proof that we can find that the poultry industry is on the boom in the South.

While the South today is one of the greatest poultry fields in the country and as a whole is producing just as much as any other section in the United States, it is not what it should be, and we want to see the South producing just twice the amount in the next few years as she is now. There is no reason why she cannot do it for we have the best climate to be found and this together with other favorable conditions, watch the poultry industry grow by leaps and bounds.

We want more poultry shows in the South and if you cannot hold a large one, hold a small one. A poultry show does more to increase interest and boost the industry than anything that can be done. Do not organize a show to make money and get rich, for this one thing has hurt the show business not only in the South but all over the North and East. Shows organized and run for this purpose have proven

failures and many times have not been able to pay premiums.

We believe that just as soon as the States take up this work and get behind and push the poultry shows, the better it will be for the industry. Where poultry associations are formed and run by local fanciers and breeders who have their whole heart and soul in the work, these shows are always successful, but beware of the associations run by shrewd business men who are in it for the dollar and not for the good of the great industry.

Every county should hold a small poultry show and there are very few counties that could not have a show of from 250 to 400 birds. Many counties are holding such shows every year and are successful with them. These shows are just the ones that boost the industry. They get the farmer interested in purebred poultry, and also get the city man interested in keeping a few hens for the family use.

We want to see more poultry shows in this great South and we are willing to do all we can to help organize and boost such shows, for we know they are for the good of the industry.

THE OLD HEN HAS MOULTED.

The new cover which we give you this month was designed by our artist, W. J. Smith, and we think it a great improvement over the old covers. We expect to make other great improvements from time to time which will add to the attractiveness of the paper.

We are in a position to give our patrons the best of service in designing, letter-heads, envelopes, circulars, catalogs, etc., also retouching pictures of their birds. Mr. Smith is an experienced man in this line and can guarantee you first class work and at a reasonable cost. Write for estimates.

NOTES AND COMMENT.

By D. R. McBayer.

The summer passes with garnered grasses, And fruits grown yellow in orchards old; With birds south ranging and woodlands changing, Their emerald arras to yellow gold.

October—and the fall fairs are upon us.

If you have not already done so, lose no time in getting your pullets in their winter quarters. It will take them a few days to get accustomed to their new quarters and before you realize it November will be here with its usual high prices for eggs. One dozen eggs in November will sell for as much as two dozen will next April, so push the pullets for the November eggs.

Straw is the best litter that we have ever found for use in the laying houses. Some say store up leaves for litter, but they are almost sure to become damp and molded, and we wish to avoid all molded material. Straw should be plentiful on the farm so let us use it for the best results.

Have you arranged for your supply of green food for the coming winter? If not there is yet time to sow rye or oats and you should do so without delay. Green food is abso-

lutely necessary for the best results, and if supplied plentifully will cut down the green bill considerably.

Are you in need of new blood stock? If so it will pay you to buy now, for you can get the best the breeder has for sale. A little later on you will have to take what the others have left and, too, you can now buy them much cheaper than you can next January.

We are told that one of the biggest egg farms in the United States requires all attendants to whistle before opening the poultry house doors. Why? you will ask. Because fowls abhor surprises. With the sound of the whistle all birds expect the opening of the door and consequently there is no excitement and flurry as would be the case if one were to throw open the door among the busy hens. Treat your hens with kindness and they will more than repay you for the trouble.

We Americans should feel thankful that we are living in a land of freedom and plenty, a land of peace and contentment, while the great bloody conflict is raging in Europe; while death and destruction is sweeping the land, and we should thank God for the peace we enjoy.

This great war has caused a great advance in the price of feedstuffs. But we feel sure that the advancement in the price of eggs and poultry will be in keeping with advance in the price of grain. There is sure to be a large amount of Europe's chickens, purebred or otherwise, used in feeding the army, so when the war is over there will be a great shortage in purebred fowls, so we Americans will have a great opportunity to supply the demand at a good figure.

Beware of fall colds. A neglected cold means roup, and this is one of the most dreaded of all poultry diseases. If treatment is begun in time a large per cent of all colds may be cured. Do not neglect them for to do so is to endanger the lives of your entire flock.

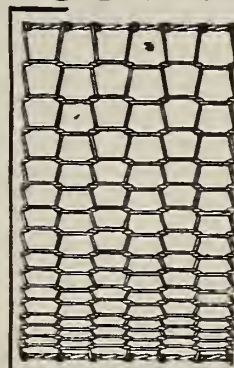
The annual meeting of the Ameri-

can Poultry Association held in Chicago during the second week of August, seems to have accomplished much good. One prominent poultryman says it was the greatest meeting of its kind ever held in this or any other country. And from all reports we agree with him.

The following weights were voted as the standard for Leghorns: Cocks 5½ pounds; hens 4 pounds; cockerels 4½ pounds, and pullets 3½ pounds. As a breeder of Leghorns we are glad to have this standard weight placed on this, the greatest profit producing fowl in all America.

Did you realize just what that announcement given out by this paper last month meant to you as a reader and as an advertiser, too? In my way of seeing it means this: that with the taking over of Practical Poultry by The Industrious Hen, this paper becomes the one great poultry journal of the South. In fact, it has no serious competitor. It surely has by far the choicest and largest subscription list of any poultry paper in the South, and one that would compare favorably with any in the United States. I feel sure that this new deal will help this paper to serve you even better in reading matter and as an advertising medium during the year 1915 than ever before, so here's to The Industrious Hen, the greatest poultry journal in the South.

POULTRY FENCE



22½ cts. a rod

48 inches high. Has 4½ inch mesh and graduated spacing of line wires from 1½ at bottom to 3¼ inches at top. Fewer posts and no base board or top rail required.

STRETCHES UP LIKE A FARM FENCE.

27½ c. for a 48-inch combined Poultry and Stock Fence made of heavier wire and having 6-inch mesh. From Factory Direct to Consumer. 100 styles and heights of Poultry, Farm and Lawn Fence. Catalog FREE.

Box 253 **KITSELMAN BROS. Muncie, Ind.**



244-Page Poultry Book FREE for the Asking

Tells you just what to do in every phase of the poultry business. Eliminates your troubles. Insures success. Cyphers Company "Poultry Keeping in All Branches." Written by poultry experts, based on actual experiences on Cyphers \$75,000 Poultry and Demonstration Farm. It's like a friend right at your elbow at all times, giving advice, counseling and pointing the way to certain money-making success. This book lists, shows pictures, describes and prices poultry supplies to cover every possible need.

Everything for Poultry Keepers

Incubators	Chick Food	Short-Cut Alfalfa
Brooders	Developing Food	Mealed Alfalfa
Hovers	Growing Mash	Full-Nest Egg Food
Chick Shelters	Fattening Mash	Nodi Charcoal
Brooder Stoves	Scratching Food	Poultry Remedies
Leg Bands	Fertile Egg Mash	Napierol (Disinfectant)
Caponizing Sets	Laying Mash	Anti-Fly Pest
Egg Preservative	Roosting Paper	Nest Eggs
Fumigating Candles	Spray Pumps	Poultry Books
Drinking Fountains	Powder Gns	
Grit & Shell Boxes	Wire Fencing	
Food & Water Holders	Bone Cutters	
Pigeon Supplies	Chick Markers	
Lice Powder	Bone Mills	
Roost Supports	Root Cutters	

Ask for books, "Poultry Foods and Feeding," and "Cyphers Company Doctor Book." Sent FREE with the big 1914 book. Write today.

Cyphers Incubator Company

Dept. 13

Buffalo, N. Y.



Under this heading "Pick Ups Here and There," we will give our readers each month clippings from our exchanges that we think will interest them.

Powder Not a Substitute for Eggs.

The Department of Agriculture recently received letters from persons who desire to place a product on the market under the name "Egg Powder" or "Egg Substitute." These designations would undoubtedly lead the ordinary purchaser to believe the product either to be made from eggs or to have the effect of eggs in baking. In reality, the product is nothing but a baking powder containing a considerable excess of ground rice as a filler, colored yellow with powdered turmeric. As it is evident that a product of this kind cannot be regarded in any way as a substitute for eggs in baking, its sale as an egg powder or egg substitute is not sanctioned by the department.

Selecting Eggs.

After collecting the eggs for two or three days from a large number of hens, place them together and examine them closely. They will appear of different sizes, colors and shapes. Now assort them in different lots and note the great change that has appeared. Each lot will be somewhat uniform, and will also be more attractive, while before they were assorted they possessed no advantages in appearance over eggs that may not be so fresh or desirable. The way to secure high prices is to improve the appearance. Attractiveness is an important feature in selling, and applies to eggs as well as to anything else.

Uniformity of size and color may be secured by assorting the eggs and selling each lot separately, which will induce a great deal higher price.

Poultry Topics says: "The 1,000-egg mark has been reached by a seven-year-old White Plymouth Rock hen at the Missouri station. That's a profitable kind to have. Too many good hens are sacrificed in their second year and too many poor ones are kept as long as they live."

Make Your Exhibition Coop Attractive.

A neat, clean, well painted exhibition coop has much to do with the attractiveness of the display at the poultry show. It matters not if they are the best birds in the room, if not in good display coops, the birds that are well displayed attract the attention of a big majority of those visiting the show. If the show is not uniformly cooped, plan to have good, neat coops that will attract attention by neatness; it will help you more than the cost. A good, bright colored paint, with a little varnish added, puts a finish on the wood part of the coops that will show up good. Then, if the coops have been used remove the canvas and wash. All this will help to make the coops attractive.

European Egg Situation.

A correspondent in Rotterdam writes interestingly about the egg situation in Holland as follows:

uation in Holland as follows:

"Prices of eggs have been too high this year to make any serious attempt for exporting to your metropolis. It is here much too hot to run a risk even if prices were remunerative on your side of the ocean. We now pay for Dutch new laid eggs of 60 kg. per 1,000 (equal to about 48 pounds per 30 dozen net), \$18; 56 kg. per 1,000, \$16; 50 kg. per 1,000, \$15. (The 56 kg. eggs are equal to about 44 pounds to 30 dozen net, and \$16 per 1,000 is equal to 19.2 cents per dozen).

"Prices have been very high here until now, but in consequence of an overproduction of fruit and very nice weather, there is now plenty of stock, and prices have decreased for second grade goods, so that prices of Russian eggs are even now below the price at which they have been sold in spring for cold storage and pickle.

"There has been preserved very much this year, with a view to the demand expected from America.

"Russian eggs of 50@52 kg. per 1,000 are offered here at \$14.10 per 1,000 (16.82 cents per dozen), but the quality is not trustworthy as it is so very hot in Russia. Galicians are much better and cost in the same weight, \$15 per 1,000 (18 cents per dozen)."—New York Produce Review.

Don't fail to send a string of your best birds to the Great Armory Show at Louisville, November 25 to December 1, Thanksgiving week.

FEEDING CHICKENS.

CHICKENS must be fed. Good food, and enough of it, and all should be well. Too much, and there will be trouble. There should be no stinting; but, likewise, the birds should not be so stuffed throughout the day that they can scarcely get away from the troughs. Let the intervals between meals be such that the crop has time to empty itself.

THE INDUSTRIOUS HEN would be a nice gift for your friend for Christmas.

"Pittsburgh Perfect" Fencing made of GENUINE DOUBLE GALVANIZED WIRE

"That's the best looking fence I ever saw"—you'll say when you've strung 'PITTSBURGH PERFECT' around your poultry quarters.

"That's the most effective fence I ever used"—you'll say when you find your chickens, large and small, always within bounds, absolutely safe from prowling, destructive animals.

"I'm glad I put up 'PITTSBURGH PERFECT'"—you'll tell your neighbors while watching them patching, tinkering with and often replacing inferior fencing.

"Pittsburgh Perfect" Fences are made of heavy gauge Open Hearth wire, GENUINELY DOUBLE GALVANIZED by our new, exclusive process which adds years of extra fence-life. Wires are WELDED BY ELECTRICITY at every joint, making a solid, one-piece fabric of greatest strength. Easiest of all fences to erect.

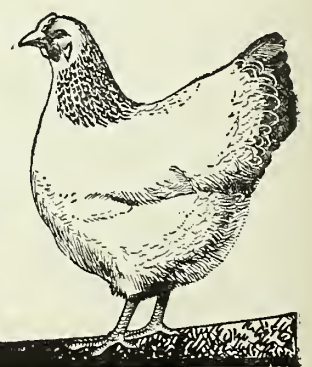
SOLD BY DEALERS EVERYWHERE

New catalogue, showing all styles of "Pittsburgh Perfect" Fencing, and full of valuable fence facts, sent free upon request. Ask for Catalogue No. P 44.

PITTSBURGH STEEL CO., PITTSBURGH, PA.

New York Chicago Duluth St. Louis Memphis Dallas

Makers of "Pittsburgh Perfect" Brands of Open Hearth Steel and Wire Products, produced in our own Furnaces and Mills from the ore in our Mines to the Finished Material.



THE ORPINGTON JOURNAL.

We are in receipt of Vol. 1, No. 1 of the Orpington Journal, published at Eaton, Ohio, with Ora Overholster, managing editor and C. S. Bope as business manager. It is attractively gotten up and full of good live Orpington news and it should have the support of every Orpington breeder in the country. There are a few specialty journals now meeting with good success so here is hoping that this new publication may be prosperous.

Label the Chinese Eggs.

A recent item in the daily press stated that a customs inspector had held up a shipment of Japanese toothpicks because they (each toothpick) was not labeled "made in Japan." The importers protested to Washington and we are still awaiting the government's decision. If the customs inspector is upheld the rule should also apply to imported Chinese eggs. Perhaps we do not need any more laws than we now have to regulate this nasty competition. Hatching brooding and the general production of eggs should come under the head of "manufactured articles." Why not?

The Poultryman's Opportunity.

(Continued from page 87.)

pen of ten hens from England has averaged nearly 200 eggs per hen for the period of nine months. This is better than has been done in any of our previous contests. A pen of Barred Plymouth Rocks from Ohio has made a splendid record so far and was among the ten highest pens for August and also is among the ten leading pens for the entire period. Two English pens, two New Zealand pens and one from Australia were among the ten highest for August, also White Wyandottes from Pennsylvania and White Plymouth Rocks from Texas. S. C. Reds from Missouri are among the ten leading pens, but Nebraska has the honor of having the highest individual record. A Single Comb White Leghorn laid 218 eggs in nine months. Two Barred Plymouth Rocks, one from Iowa and one from Michigan, have laid over 200 eggs each in nine months.

The best pen record made by the representatives from the various countries is as follows:

Eggs	
1964	S. C. White Leghorns, made best English record
1736	S. C. White Leghorns, made best United States record
1736	S. C. White Leghorns, made best Missouri record
1516	S. S. White Leghorns, made best Vancouver Island record
1440	S. C. White Leghorns, made best New Zealand Record
1438	S. C. White Leghorns, made best Australian record
1352	White Wyandottes, made best Canadian record
1322	S. C. White Leghorns, made best British Columbian record
1143	S. C. White Leghorns, made best South African record

The pens which have made the best records for all times and which stand at the head as the best ten are as follows:

Eggs	
1964	0. S. C. White Leghorns, England
1736	65. S. C. White Leghorns, Missouri
1722	79. S. C. White Leghorns, Pennsylvania

1697	47. S. C. Reds, Missouri
1622	18. White Wyandottes, Pennsylvania
1610	70. S. C. White Leghorns, Missouri
1601	9. S. C. White Leghorns, Pennsylvania
1538	59. Barred Plymouth Rocks, Ohio
1521	61. S. C. White Leghorns, Nebraska
1517	24. White Wyandottes, England

Several hundred hens were broody during the month, but in spite of that fact most pens held up very well, and the ten highest for August were as follows:

Eggs	
220	65. S. C. White Leghorns, Missouri
214	75. S. C. White Leghorns, England
214	102. S. C. White Leghorns, New Zealand
201	3. S. C. White Leghorns, Australia
196	59. Barred Plymouth Rocks, Ohio
195	79. S. C. White Leghorns, Pennsylvania
192	0. S. C. White Leghorns, England
183	18. White Wyandottes, Pennsylvania
182	101. S. C. White Leghorns, New Zealand
179	57. White Plymouth Rocks, Texas

The indications are that we will not have any exceptionally high individual records, but the hens are averaging up better than ever before. The hens which have laid over 200 eggs in nine months are as follows:

Eggs	
218	611. S. C. White Leghorn, Nebraska
216	05. S. C. White Leghorn, England
213	653. S. C. White Leghorn, Missouri
206	02. S. C. White Leghorn, England
203	566. Barred Plymouth Rock, Iowa
201	864. Barred Plymouth Rock, Michigan
200	06. S. C. White Leghorn, England

Cyphers Incubator Company Establishes Branch House in Dallas.

This great incubator company found this step necessary in order to properly care for their increased incubator and poultry supply business in the Southwest, and have established a large branch house at 416-18-20 N. Preston street, Dallas, Texas.

Grant M. Curtis, president and general manager of this company, is a leader of the poultry industry, and poultry breeders of this great Southwest feel honored that Mr. Curtis

and the Cyphers Incubator Company have recognized this section as a great poultry center by establishing a large branch house in Dallas.

Mr. Harry Singleton, who was formerly with the Texas Seed & Floral Co., of Dallas, in charge of their poultry department, will now have charge of the new Cyphers house. Mr. Singleton is the right man for this position, having had years of experience in the poultry supply work.

The greatest poultry show in the South will be held at the Armory in Louisville, Ky., Thanksgiving week. Don't overlook the dates and be sure to send some of your best birds.

"Advertising was a great invention," said the successful business man. "I wonder who was the first to advertise his manufactures." "There's no exact data on the subject," answered the farmer, "but I guess the hen's the person you're looking for."

If you like THE INDUSTRIOUS HEN tell your friends and neighbors about it and ask them to subscribe.

In constructing dropping boards they should be made to extend wide enough to catch all the droppings from both sides of the perch. They should be about six inches below the perches and should be made in such a way that they can be easily removed to be cleaned.

White Wyandottes

Winners and layers. Have sold my Reds. Will devote my time to Wyandottes exclusively. Eggs, \$2 and \$5.

C. A. ADAMS, Route 1, Fairburn, Ga.



Barred Plymouth Rocks

BUY your exhibition and breeding birds from us. No matter what you pay, no one can furnish you better size and quality than we can. We are specialists in Barred Rocks, have bred them in large numbers for twenty-three years and can give you selection no small breeder possibly can. Our quality is wonderful, yet our prices are the lowest of any of the big breeders.

Winners at Chicago, Indianapolis, Memphis, Louisville, Nashville, Knoxville

If you are interested in fine Barred Plymouth Rocks, write us, and we will send you the handsomest and most complete catalogue published of this breed. You will make a great mistake if you place order before getting our prices and catalogue No. 7

POPE & POPE, Box H, Louisville, Kentucky

Hitch Up to a Success



A few of
Shur-pleez

FEEDS

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Shur-pleez
FOR BETTER BIRDS

Kentucky Poultry Association News

KENTUCKY POULTRY ASSOCIATION ELECTS OFFICERS.

The meeting of the Kentucky Poultry Association was held at the State Fair grounds on Thursday afternoon, September 17th, at 3 o'clock, and a lot of interest was shown by every member present. The next meeting will possibly be held at Louisville during the week of November 25, 1914, and we want to see every member of the association present if possible. You should not only make it a point to be present yourself, but bring as many new members as possible with you. Let the members of this association make an effort to bring out a large entry at this show and encourage all breeders possible to make an exhibit.

It was voted at this meeting to extend the fiscal year from January 1st to January 1st instead of September to September. This means that if you join the association before January 1, 1915, you will not have to pay any more dues until one year from that date. This will give you a chance to compete for all cash premiums, silver cups, special ribbons, etc., offered by the association during this period.

The following officers were elected for the ensuing year: President, Harris Lehman, Midway, Ky.; first vice president, Geo. E. Schulz, Louisville; second vice president, J. C. Neff, Richmond, Ky.; third vice president, J. T. Milligan, Stithton, Ky.; fourth vice president, W. B. Jenkins, Glendale, Ky.; fifth vice president, B. D. Hill, Hopkinsville, Ky.; treasurer, C. C. Loomis, St. Matthews, Ky.; secretary, J. Gaylord Blair, Louisville, Ky. Executive Committee: First District, W. E. Cochran, Paducah, Ky.; Second District, C. E. Carpenter, Owensboro, Ky.; Third District, R. L. Willmoth, Rineyville, Ky.; Fourth District, Eugene J. Straus, Louisville, Ky.; Fifth District, Mrs. Walter Kenney, Paris, Ky.; Sixth District, W. W. White, Newport, Ky.; Seventh District, R. A. Chiles, Mt. Sterling, Ky.

It was also voted by the members present to appoint a secretary for each county in Kentucky. By this we can get in touch with every poultry breeder and fancier throughout the State and make a strong campaign during the next twelve months for new members.

The members voted the following gold specials to be offered at the Kentucky State Poultry Show, Lexington, Ky., January 4th to 9th, 1914, and to be competed for by members only who were in good standing and whose dues were paid up to January 1, 1916. If you are not a member or have been and have not paid up your dues you should send same in at once to the secretary and compete for the gold specials that the association will offer.

They follow:

- \$5.00 in gold for best cock in show.
- \$5.00 in gold for best hen in show.
- \$5.00 in gold for best cockerel in show.
- \$5.00 in gold for best pullet in show.
- \$5.00 in gold for best pen in show.

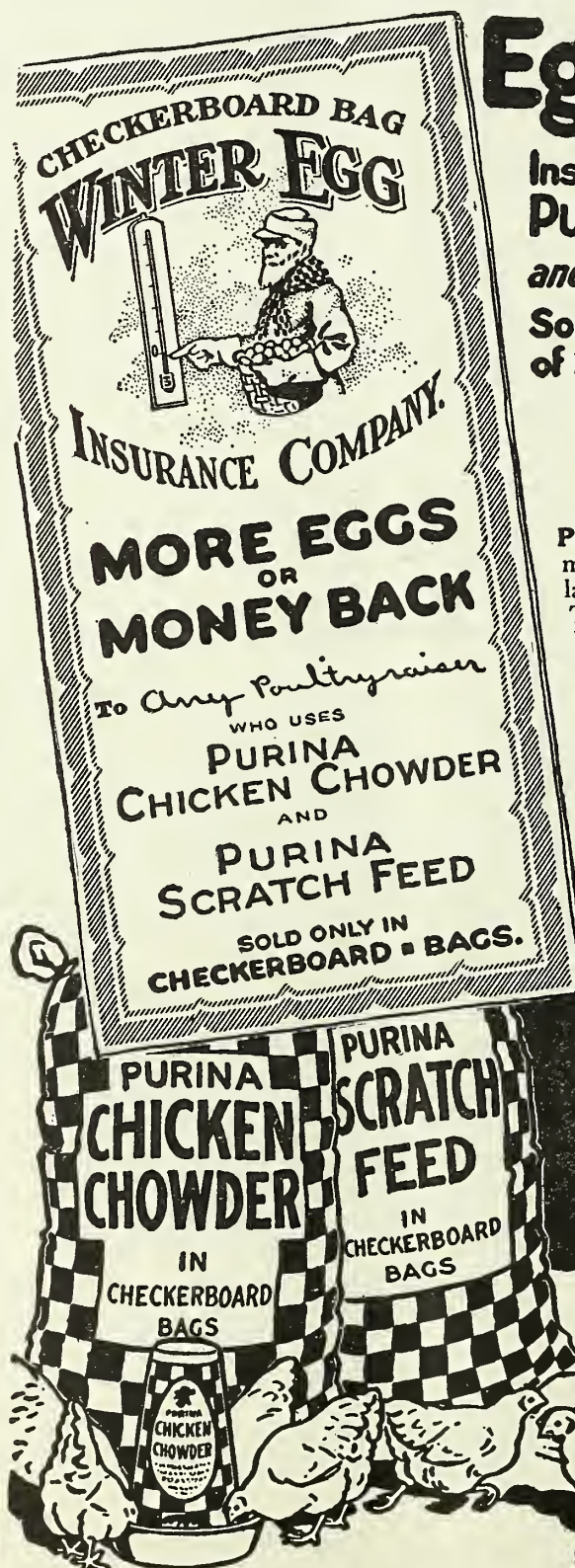
It is the desire of the Kentucky Poultry Association to secure every breeder and fancier in this State as members of the association, and we ask every member to be a booster and secure as many new members as possible. Through this campaign we can boost the membership from two to three hundred members in the next twelve months.

The Kentucky Poultry Association trophy was won by Chiles & Co., Mt. Sterling, Ky., on a Buff Orpington cockerel. This was the best male bird in the entire show.

The catalogue of the Great Armory Show at Louisville will be ready for mailing by October 20th. Be sure to get your copy by addressing A. H. Haller, secretary, 103 W. Market Street, Louisville, Ky.

The poultryman who expects to offer show birds for sale for the fall Fairs, had better get his ad before the public now. Buyers are already looking the ads over, and will soon be placing their order for birds to win. The "Hen" is at your service with a circulation that should bring you the business.

THE INDUSTRIOUS HEN would be a nice gift for your friend for Christmas.



Egg Insurance

Insure Winter Eggs by using
PURINA CHICKEN CHOWDER
and **PURINA SCRATCH FEED**

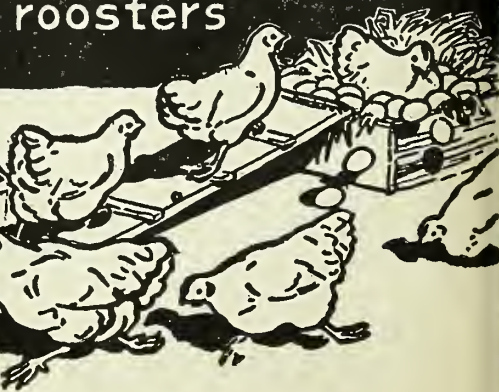
Sold under iron-bound guarantee
of more eggs or money back.

Purina Chicken Chowder contains cornmeal, bran, middlings, linseed meal, granulated meat, alfalfa meal, and charcoal. The leading dealers sell it in Checkerboard Bags only, on an absolute guarantee of more eggs or money back, when used with Purina Scratch Feed.

48 Page Poultry Book Free (new edition) containing breeding and feeding charts, plans of houses, cures of diseases, space for daily egg records, etc. Also information about Boys' and Girls' Poultry Club and prizes. Write today.

Ralston Purina Company,
819 So. Eighth St. St. Louis, Mo.

"If CHICKEN CHOWDER won't make your hens lay they must be roosters"



The Kentucky State Fair Poultry Show.

(Continued from page 91.)

The silver cup offered by The Industrious Hen for the most points on any one variety to be competed for by our advertisers only, was won by A. G. Calloway, Louisville, Ky., on his Barred Plymouth Rocks, with 52 points.

The Rhode Island Reds and S. C. White Leghorns were the two largest classes in the show and both had "quality to burn." They being followed by the White Orpingtons, Buff Orpingtons, White Wyandottes, Partridge Plymouth Rocks and unusual entries in the more unpopular varieties.

We doubt if there will be a better poultry show held this season in connection with any State Fair either in the North or South. This shows the interest that is being manifested in this section in the fancy poultry industry. It means that more high class stock and eggs will be bought this season than ever before, and in this section prospects were never brighter for a good season. Poultrymen are already reporting good sales.

Following is a complete list of all the awards:

BARRED PLYMOUTH ROCKS.

Cock: A. G. Callaway, first, second and third; A. C. Coffey, fourth.
Hen: A. G. Callaway, first, second and third; A. C. Coffey, fourth.

Cockerel: E. T. Eager, first; A. G. Callaway, second, third, fourth and fifth.

Pullet: A. G. Callaway, first; E. T. Eager, second; A. G. Callaway, third; E. T. Eager, fourth; A. C. Coffey, fifth.

Breeding Pen: A. G. Callaway, first.

WHITE PLYMOUTH ROCKS.

Cock: J. Coleman Neff, first and second; William Wirsch, third; J. Coleman Neff, fourth; W. B. Jenkins, fifth.

Hen: W. B. Jenkins, first and second; J. Coleman Neff, third; Harry Watson, fourth; J. Coleman Neff, fifth.

Cockerel: Harry Watson, first and second; W. B. Jenkins, third; J. Coleman Neff, fourth; W. B. Jenkins, fifth.

Pullet: Harry Watson, first; J. Coleman Neff, second; Harry Watson, third; W. B. Jenkins, fourth; Harry Watson, fifth.

Breeding Pen: J. Coleman Neff, first and second; S. L. Rhea, third.

BUFF PLYMOUTH ROCKS.

Cock: Mrs. M. T. English, first; William Wirsch, second; H. D. Burton, third and fourth.

Hen: H. D. Burton, first; William Wirsch, second; Mrs. M. T. English, third and fourth; H. D. Burton, fifth.

Cockerel: H. D. Watson, first and second; Mrs. M. T. English, third and fourth; H. D. Watson, fifth.

Pullet: H. D. Burton, first, second and third; Mrs. M. T. English, fourth and fifth.

Breeding Pen: Mrs. M. T. English, first; H. D. Burton, second; Mrs. M. T. English, third.

PARTRIDGE PLYMOUTH ROCKS.

Cock: Besuden Bros., first, second and third; J. A. McQuiston, fourth; A. M. Acra, fifth.

Hen: Besuden Bros., first, second and third; A. M. Acra, fourth; J. A. McQuiston, fifth.

Cockerel: A. M. Acra, first and second; Besuden Bros., third; J. A. McQuiston, fourth; Besuden Bros., fifth.

Pullet: A. M. Acra, first; Besuden Bros., second, third and fourth; A. M. Acra, fifth.

Breeding Pen: Besuden Bros., first and second; J. A. McQuiston, third; Besuden Bros., fourth.

SILVER WYANDOTTES.

Cock: J. Price Mattlock, first; A. M. Acra, second; John H. Lamey, third; Mrs. G. W. Briscoe, fourth; A. M. Acra, fifth.

Hen: Charles E. Rutherford, first; J. Price Mattlock, second; A. M. Acra, third; J. Price Mattlock, fourth; A. M. Acra, fifth.

Cockerel: J. Price Mattlock, first and second; A. M. Acra, third; John H. Lamey, fourth; A. M. Acra, fifth.

Pullet: George Ramsey, first, second and

third; A. M. Acra, fourth; J. Price Mattlock, fifth.

Breeding Pen: J. Price Mattlock, first.

GOLDEN WYANDOTTES.

Male: William Wirsch, first; Wainwright Lea, second.

Female: William Wirsch, first; Wainwright Lea, second.

WHITE WYANDOTTES.

Cock: Louis W. Deutsch, first; C. S. Lyon, second; Louis W. Deutsch, third; Maywood Poultry Farm, fourth; Mrs. Chas. A. Hess, fifth.

Hen: Louis W. Deutsch, first, second and third; C. S. Lyon, fourth; Maywood Poultry Farm, fifth.

Cockerel: C. S. Lyon, first; Louis W. Deutsch, second; J. G. Banzhof, third; Louis W. Deutsch, fourth and fifth.

Pullet: Louis W. Deutsch, first; J. G. Banzhof, second; C. S. Lyon, third; Louis W. Deutsch, fourth and fifth.

Breeding Pen: Louis W. Deutsch, first; C. S. Lyon, second; Maywood Poultry Farm, third.

BUFF WYANDOTTES.

Cock: Besuden Bros., first, second and third; William Wirsch, fourth and fifth.

Hen: Besuden Bros., first, second and third; William Wirsch, fourth and fifth.

Cockerel: Besuden Bros., first, second and third; George Morris, fourth; William Wirsch, fifth.

Pullet: Besuden Bros., first, second and third; William Wirsch, fourth and fifth.

Breeding Pen: Besuden Bros., first and second.

COLUMBIAN WYANDOTTES.

Cock: William Wirsch, first.

Hen: William Wirsch, first.

Cockerel: William Wirsch.

Pullet: Henry G. Saam, first, second and third; William Wirsch, fourth.

PARTRIDGE WYANDOTTES.

Cock: Henry McAfee, first; James McLaughlin, second.

Hen: James McLaughlin, first; Harry McAfee, second; James McLaughlin, third and fourth.

Cockerel: Harry McAfee, first; James McLaughlin, second, third and fourth.

Pullet: Harry McAfee, first, second, third and fourth; James McLaughlin, fifth.

Breeding Pen: James McLaughlin, first and second.

SINGLE COMB RHODE ISLAND REDS.

Cock: Chiles & Co., first and second; B. D. Parker, third; J. A. Bowles, fourth; B. D. Parker, fifth.

Hen: B. D. Parker, first and second; Harris Lehman, third; Chiles & Co., fourth; A. J. Cavanaugh, fifth.

Cockerel: Chiles & Co, first; B. D. Parker, second; Harris Lehman, third; B. D. Parker, fourth; Harris Lehman, fifth.

Pullet: J. A. Bowles, first; Harris Leh-

man, second; J. A. Bowles, third; Mrs. Fred Reiss, fourth and fifth.

Breeding Pen: Chiles & Co., first and second; V. C. Beckhart, third; Harris Lehman, fourth; B. D. Parker, fifth.

ROSE COMB RHODE ISLAND REDS.

Cock: C. C. Loomis, first, second and third; Ben R. Turner, fourth; C. C. Loomis, fifth.

Hen: J. R. Gordon, first and second; C. C. Loomis, third and fourth; Ben R. Turner, fifth.

Cockerel: C. C. Loomis, first and second; G. R. Gordon, third; F. X. Berens, fourth; H. C. Moeller, fifth.

Pullet: F. X. Berens, first; C. C. Loomis, second; F. X. Berens, third; C. C. Loomis, fourth and fifth.

Breeding Pen: C. C. Loomis, first; H. C. Moeller, second and third; George H. Bach, fourth; J. R. Gordon, fifth.

RHODE ISLAND WHITES.

Cock: Mrs. R. L. Willmoth, first.

Hen: Mrs. R. L. Willmoth, first.

Cockerel: Mrs. R. L. Willmoth, first and second.

Pullet: Mrs. R. L. Willmoth, first.

Breeding Pen: Mrs. R. L. Willmoth, first.

ASIATIC CLASS.

LIGHT BRAHMAS.

Cock: Harris Lehman, first, second and third.

Hen: Harris Lehman, first, second and third.

Cockerel: Harris Lehman, first, second and third.

Pullet: Harris Lehman, first, second and third.

Breeding Pen: Harris Lehman, first and second.

BUFF COCHINS.

Male: William Wirsch, first.

Female: William Wirsch, first and second.

BLACK LANGSHANS.

Cock: A. M. Acra, first; J. C. Schoeffel, second and third.

Hen: A. M. Acra, first and second; C. F. Lyon, third; J. C. Schoeffel, fourth and fifth.

Cockerel: Mrs. J. R. Hutchison, first and

Beck's 20th Century S. C. BUFF ORPINGTONS

Cook Strain. Big, vigorous golden beauties. Bred to lay. Eggs, \$5.00, \$2.50 and \$1.50 per setting of fifteen. Satisfaction guaranteed. All infertile eggs replaced free. Try a setting.
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second; J. C. Schoeffel, third and fourth; A. M. Acra, fifth.

Pullet: Mrs. J. R. Hutchison, first, second, third and fourth; J. C. Schoeffel, fifth.

Breeding Pen: J. C. Schoeffel, first and second; C. S. Lyon, third.

SINGLE COMB WHITE LEGHORNS.

Cock: First and second prizes, George E. Schultz, Glory Anna Poultry Farm, Louisville; third, Maywood Poultry Farm, Anchorage; fourth, Golden Rod Egg Farm, Hardinsburg; fifth, J. T. Milligan & Sons, Stithon.

Hen: First, J. T. Milligan & Sons; second and third, Glory Anna Poultry Yards; fourth, J. T. Milligan & Sons; fifth, Glory Anna Poultry Yards.

Cockerel: First, J. Coleman Hoff, Richmond; second and third, Glory Anna Poultry Yards; fourth, Golden Rod Egg Farm.

Pullet: First and second, Crescent Poultry Yards, Louisville; third and fourth, Golden Rod Egg Farm, Hardinsburg.

Breeding Pen: First, Glory Anna Poultry Yards; second, Golden Rod Egg Farm; third, Maywood Poultry Yard; fourth, Mrs. T. H. Farmer, Shelbyville; fifth, Glory Anna Poultry Yards.

SINGLE COMB BROWN LEGHORNS.

Cock: First and second, Bonnycastle Poultry Yard, Louisville; third, J. Hunter Matthews, Richmond; fourth, Bonnycastle Poultry Yards.

Hen: First, Wainright Lea, Brooksville; second, Bonnycastle Poultry Yards; third, J. Hunter Matthews; fourth, J. Hunter Matthews; fifth, Wainright Lea.

Cockerel: First and second, J. Hunter Matthews; third, A. M. Acra, Ludlow; fourth and fifth, Mrs. John R. Gibson, Richmond.

Pullet: First, second, third and fourth, Bonnycastle Poultry Yards; fifth, Mrs. John R. Gibson.

Breeding Pen: First, Mrs. John R. Gibson; second, Bonnycastle Poultry Yards.

SINGLE COMB BUFF LEGHORNS.

Cock: First and second, William Wirsch, Cold Springs; third, W. L. Williams, Jr., Frankfort; fourth and fifth, William Wirsch.

Hen: First, William Wirsch; second, W. L. Williams; third and fourth, William Wirsch.

Cockerel: First and second, William Wirsch.

Pullet: First and second, William Wirsch; third, L. W. Butler; fourth, William Wirsch; fifth, L. W. Butler.

ROSE COMB WHITE LEGHORNS.

Cock: First, William Wirsch.

Hen: First and second, William Wirsch.

Cockerel: First, William Wirsch.

ROSE COMB BROWN LEGHORNS.

Cock: First, Wainright Lea; second, William Wirsch; third, A. M. Acra, Ludlow.

Hen: First, Wainright Lea.

Cockerel: First and second, A. M. Acra, Ludlow; third, Wainright Lea.

Pullet: First, Wainright Lea; second, William Wirsch; third, Wainright Lea.

Breeding Pen: First, Wainright Lea.

SINGLE COMB BLACK MINORCAS.

Cock: First and second, J. W. McQuiston, Greenwood, Ind.; third, E. L. Adams, Louisville, Ky.

Hen: First, J. W. McQuiston; second, Walker Park; third, John Wagoner; fourth, J. A. McQuiston; fifth, E. L. Adams.

Cockerel: First, E. L. Adams.

Pullet: First, T. H. Wagoner, Louisville; second, Walter Q. Park, Richmond.

Breeding Pen: First, Theodore Schneider, Louisville; second, John H. Wagoner; third, Walker Q. Park, Richmond, Ky.

BLUE ANDALUSIANS.

Male: First, William Wirsch; second and third, John Q. Reid, Stanford; fourth, Leslie V. Jacobs.

Female: First and second, Leslie V. Jacobs; third and fourth, William Wirsch; fifth, John O. Reid.

SINGLE COMB WHITE MINORCAS.

Male: First, William Wirsch.

Female: First and second, William Wirsch, Cold Springs, Ky.

WHITE FACED BLACK SPANISH.

Male: First, William Wirsch; second, A. M. Acra.

Female: First, A. M. Acra; second, William Wirsch.

MOTTLED ANCONAS.

Male: First, James L. Hendry, Louisville; second, George McPheeters, Jeffersonville, Ind.; third, Emile Christian, Louisville; fourth, James L. Hendry, Louisville; fifth, Mrs. John R. Gibson, Richmond, Ky.

Female: First, Emile Christian; second and third, Mrs. John R. Gibson; fourth, George McPheeters; fifth, William Wirsch.

SINGLE COMB BUFF ORPINGTONS.

Cock: First, Wyant Bros., Thornton, Ind.; second, O. T. Marker, Greenville; third, M. L. Walker, Louisville; fourth, Grainger & O'Brien, Jeffersonville, Ind.; fifth, G. S. Lyon, Stanford, Ky.

Hen: First, A. T. Marker; second, third and fourth, M. L. Walker; fifth, R. D. Brooks.

Cockerel: First, Chiles & Co., Mt. Sterling; second, M. L. Walker; third, A. T. Marker; fourth, Wyant Bros., Thornton, Ind.; fifth, Wyant Bros.

Pullet: First and second, Wyant Bros.; third, William Wirsch, Cold Spring, Ky.; fourth and fifth, A. T. Marker.

Breeding Pen: First, Wyant Bros.; second, Chiles & Co.; third and fourth, M. L. Walker, fifth, Grainger & O'Brien.

SINGLE COMB WHITE ORPINGTONS.

Cock: First and second, Mrs. R. L. Willmoth, Rineyville, Ky.; third, fourth and fifth, Mrs. Walter Kenney, Paris, Ky.

Hen: First, R. L. Willmoth; second, third, fourth and fifth, Walter Kenney.

Cockerel: First, second, third and fourth, Walter Kenney; fifth, Mrs. R. L. Willmoth.

Pullet: First, Mrs. Walter Kenney; second, Mrs. R. L. Willmoth; third, Mrs. Walter Kenney; fourth, Mrs. R. L. Willmoth; fifth, Mrs. Walter Kenney.

Breeding Pen: First, Walter Kenney; second and third, Mrs. R. L. Willmoth.

SINGLE COMB BLACK ORPINGTONS.

Cock: First, Mrs. J. W. Hutsell; second, William Worth, Cold Springs; third, William Wirsch; fourth, George Wyant.

Hen: First, Mrs. J. W. Hutsell; second, George F. Wyant; third and fourth, E. C. Cornelison, Richmond.

Cockerel: First, Mrs. J. W. Hutsell; second, C. Cornelison; third, Mrs. J. W. Hutsell; fourth and fifth, E. C. Cornelison.

Pullet: First, E. C. Cornelison; second and third, Mrs. J. W. Hutsell; fourth, Marion Lilly, Richmond; fifth, E. C. Cornelison.

Breeding Pen: First, Mrs. J. W. Hutsell; second, E. C. Cornelison; third, Mrs. J. W. Hutsell.

SINGLE COMB BLUE ORPINGTONS.

Cock: First, Chiles & Co.

Hen: First, William Cook & Sons; second, Chiles & Co.; third, T. B. Rodmay.

Cockerel: First, Chiles & Co.

Pullet: First, Chiles & Co.; second, T. E. Rodmay.

Breeding Pen: First and second, Chiles & Co.

SILVER SPANGLED HAMBURG.

Cock: First and second, William Wirsch.

Hen: First, second and third, William Wirsch.

Cockerel: First, second and third, William Wirsch.

Pullet: First and second, William Wirsch.

ANY COLOR PIT GAME.

Cock: First and second, J. G. Cecil, Danville; third, A. M. Acra, Ludlow; fourth, R. McKenna, Louisville.

Hen: First, J. G. Cecil; second, A. M. Acra; third, J. G. Cecil; fourth and fifth, R. McKenna.

Cockerel: First, Detzel & Schuster; second, Robert K. Pence, Lexington; third, J. G. Cecil, Jr.; fourth, Robert K. Pence.

Pullet: First and second, Robert K. Pence; third and fourth, J. C. Cecil, Jr.; fifth, Detzel & Schuster.

Breeding Pen: First, J. C. Cecil, Jr., Danville.

INDIAN GAMES.

Cock: First, L. D. Proal, Buchel.

Hen: First, William Wirsch; second, third and fourth, L. B. Proal.

Cockerel: First, L. B. Proal; second, William Wirsch.

Pullet: First, L. B. Proal.

BLACK-BREADED RED GAME BANTAM

Male: First, A. M. Acra; second, third and fourth, J. W. Buckel, Louisville; fifth, W. Besudin, Cincinnati, Ohio.

Female: First, A. M. Acra; second, W. Besudin; third, fourth and fifth, J. W. Buckel.

RED PYLE GAME BANTAMS.

Male: First, George F. Mercke, Louisville; second and third, Ellis Boone, Midway; fourth and fifth, George F. Mercke, Jr.

Female: First, George S. Mercke, Jr.; second, Ellis Boone.

SILVER DUCKWING GAME BANTAMS.

Male: First and second, George S. Mercke, Jr.

Female: First, second and third, George S. Mercke, Jr.

BANTAMS, OTHER THAN GAME.

Male: First, J. A. McQuiston; second, W. Besudin; third, fourth and fifth, J. A. McQuiston.

Female: First, J. W. Crooke; second, W.

Besudin; third, A. M. Acra; fourth and fifth, J. A. McQuiston.

WHITE COCHIN BANTAMS.

Male: First, W. Besudin; second, Raymond Habenstein, Louisville; third, Ellis Boone.

Female: First, W. Besudin; second, Raymond Habenstein.

BLACK COCHIN BANTAMS.

Male: First, Herndon J. Evans; second, W. Besudin; third, Ellis Boone.

Female: First, W. Besudin; second, Herndon J. Evans; third, Ellis Boone; fourth, Herndon J. Evans.

PARTRIDGE COCHIN BANTAMS.

Male: First, W. Besudin.

Female: First, Raymond Habenstein; second, W. Besudin; third, Raymond Habenstein.

GOLDEN SEABRIGHT BANTAMS.

Male: First, A. M. Acra; second, A. M. Acra; third, Wainright, Lea.

Female: First, A. M. Acra; second, Wainright Lea; third, Raymond Habenstein; fourth, W. Besudin.

SILVER SEABRIGHT BANTAMS.

Male: First, Ellis Boone; second, W. Besudin; third, J. W. Crooke.

Female: First, W. Besudin; second, J. W. Crooke; third, Ellis Boone; fourth, J. W. Crooke.

ROSE COMB BANTAMS.

Male: First, W. Besudin.

Female: First, W. Besudin.

JAPANESE BANTAMS

Male: First, W. Besudin; second, Chiles & Co.

Female: First, W. Besudin; second, Chiles & Co.

BRAHMA BANTAMS.

Male: First, Ellis Boone.

Female: First, Ellis Boone.

(Continued on page 103.)

DUST YOUR HORSE

For lice twice a month, scrub his trough daily, spray his stable every week. Foolish Talk. YOU can keep chickens healthy just as easily as you keep your horse without eternally dusting, spraying and cleaning.

"OCULUM" DOES IT

It will cure Cholera, Roup and other diseases and save everlasting labor and drudgery, says its users in every State.

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Brother Poultrymen, Here is a New Remedy!!

Conkey's
Canker Special

If you keep chickens, you have had your experience in fighting Canker, just as you fought Roup—and lost—before Conkey's Roup Remedy was brought to your attention twenty years ago.

Today we say to you—try Conkey's Canker Special—Apply it to the eyes, throat and nostrils of the sick birds and watch how rapidly the swellings disappear. Don't have profitless, canker-blind birds in your flock.

Also, try it on your show birds that develop show-room colds.

Send 50c for a bottle today. The regular Conkey Guarantee of complete satisfaction or your money back is behind this article—and you ought to have it in your Conkey Corner.

GET THIS BOOK Our new Poultry Book tells how to detect, prevent and cure poultry ills. It will make you an expert. Send 10c in stamps and we will inclose our Cash Value Coupon.



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This department is conducted by the J. A. Thornhill, New Decatur, Ala. If your birds are sick, write him; he will tell you through this department where your trouble lies. If you want a personal reply, send stamped envelope.

Best Roofing.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sirs: I would like to ask you a question. I am building a chicken house 12x36 and am undecided as to the roof. Which is the best roof? I have been told that galvanized iron is no good for chicken houses as there is an acid that eats up the iron, etc. I mean to go in the business heavy as I get experience, and want a good roof. Kindly advise. Enclosed you will find stamp for reply. Yours very truly,
Kerrs Creek, Va.

J. L. C.

I note what you say regarding the poultry house that you are building. I believe that the best roof for a poultry house is some good reliable felt or rubber roofing. It is cheaper and just as good as galvanized iron. There are felt and rubber roofings on the market that do not have to be painted, and if you will look up the advertisements in some of the poultry and farm papers, and write them for samples or either call on your local dealer, I believe that they will serve you and that you will find rubber roofing cheaper and just as satisfactory as galvanized iron.

Various Questions.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: Please find enclosed money order for 50 cents for which send me The Industrious Hen for one year. Also you will find enclosed stamped envelope for which please send me your advice on the following: (1) Best and cheapest way to hatch chickens. (2) Best breeds for laying and marketing purposes. (3) Will it pay to raise chickens and me buy all the feed? (4) How much land should I have for 500 to 1000 hens. (5) Is there much profit in ducks? If so, what kind? Yours truly,
Chuckey, Tenn.

C. L. B.

(1) The best and cheapest way to hatch chickens is a hard question to decide. Both natural and artificial means are cheap and practical. (2) The Leghorns are egg breeds and are used on all the large commercial egg plants. While some of the larger breeds are better for market purposes such as Plymouth Rocks, Wyandottes, Orpingtons, etc. (3) Yes, if you will look after the details close and have the practical knowledge of the business. Many are doing it every day. (4) About three acres of land is all right but they can be kept on much less. (5) Yes, there is good profit in ducks, and I would advise either the Pekin or the White Indian Runner.

Fleas.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: Will appreciate very much if you will give me a good remedy for exterminating fleas from a chicken house, also in the sand of the year in which they have run. They seem to gather around the head of the chicks and sap the life out of them, and it is almost impossible to raise the chickens from the hatching as the fleas kill them off. Yours truly,
Macon, Ga.

J. W. G.

Sunlight and whitewash are about the only remedies for fleas. If fleas are in the yard where the birds scratch and take dust bath, use good disinfectant in hand spray and continue until you know you have killed all of

them or driven them from their quarters. Write to the United States Department of Agriculture at Washington, D. C., for Bulletin No. 131. This treats on fleas.

For Moulting Birds.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: Will you please write me what feed and medicine if any to give my chickens to hasten them through the moulting period. Thanking you for a direct reply, I beg to remain, Yours truly,
Littleton, N. C.

E. C. B.

If your birds have moulted or shed their old feathers and the new ones are coming in I would advise you to feed only food that will cause quick growth. Linseed meal is good, also sunflower seed and green bone. I would not advise any medicine during the moulting period. Good wholesome food and proper care and attention is better than all medicine.

Weak Germs, or White Diarrhoea.

Editor The Industrious Hen,
Louisville, Ky.

Dear Sir: I take The Industrious Hen. I always read your department, and I feel you can help me by telling me how to doctor my hens and frying size chickens. They have something wrong with their legs, seem in perfect health. Hens that are laying have full cropt red combs and yet when they stand up will pitch forward and cannot walk. The weather has been extremely hot and an oat patch nearby the hens in good condition. It seems to come on them all at once and killed a few, but most of them get over it in a day and night's time. I had fifteen to go down at one time. I always pick them up and put them in the shade. I'm at a loss to know what to do with them, never had anything like it before, so please write me at once, so I may put a stop to it. You will find stamped envelope enclosed. Will you also tell me what to do for some little chickens, ten days old that are sleeping and have bad bowels? Very respectfully,
MISS J. M.

It is possible that the extreme hot weather you are having has something to do with the trouble. Would advise you to keep them in the shade and keep fresh water before them at all times. It is also possible that your birds have a slight attack of limberneck, being caused from eating decomposed flesh. Your small birds may have lice on them. If it is not this I would call your trouble either "weak germs" or white diarrhoea, and the hatchet is the best remedy to use for these troubles.

Canker.

Editor The Industrious Hen,
Louisville, Ky.

My Dear Sir: Some of my best birds have some white cheesy growth in their throats and mouths. Can you tell me what the trou-

ble is and how to cure and prevent new cases? Yours very truly,
H. G. B.
Columbus, Ohio.

ANSWER—Your birds have canker. Take a tooth pick and remove the cankerous growth and apply dioxygen later touching it up with a 50 per cent solution of some good disinfectant (coal tar product) and water. Give the birds free range and plenty of green food. Make them exercise and see that the houses and food that they are getting is not musty.

H. L. Company,
Salem, Va.

I have formerly used "OCULUM" and have found it very satisfactory in every way. All my birds grew as rapidly as weeds, and people were surprised. But I have not had chickens in over two years, so I am going to try again, only along the "right way" and that is the "OCULUM WAY" for me and mine.

Inclosed find money order for a bottle of "OCULUM." I believe in the old saying, "An ounce of prevention is worth a pound of cure." Respectfully,

PETER F. EWERTS.

260 Ridge Road, Kingsland, N. J.



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Get your hens and pullets laying now and keep them on the job all winter. Take our word—it is just as easy to get eggs in cold weather as in spring. Costs no more. Profits much larger. Feed regularly

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Nature's own tonic and egg producer. If hens are not laying, sure sign they need Pratts. Guaranteed to make hens lay or your money back—that has been our policy for 42 years.

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Pratts Roup Remedy, the guaranteed cure for Roup and Colds, the great winter poultry diseases. Use it as a preventive.

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Philadelphia Chicago Toronto

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You are looking for a cockerel that will improve your flock and win a blue ribbon for you this winter. We have them with Standard cup shaped combs, willow green legs free from stubs, at \$5 to \$8. Also Standard Malay Games, Malay and Buttercup Bantams, Indian Runner Muscovy Ducks and Toulouse Geese. Our birds win for us and will win for you. Square Deal guaranteed. Let's get together.

RIDGEVIEW FARMS,

Dept. B,

Knowlesville, N. Y.



TURKEY & WATER FOWL

DEPARTMENT

This department is conducted by J. C. Clipp, Saltillo, Ind., and any questions that you wish to ask will be answered through this department, if addressed to Mr. Clipp at Saltillo, Ind. If a personal reply is wanted, enclose a stamped envelope.

BEST FEED FOR DUCKS.

J. C. Clipp,
Saltillo, Ind.

Dear Sir: Please advise me what you think is the best feed and management for ducklings. I have never raised ducks and wish to have the best success possible.
Missouri. MRS. D. G. J.

We think that oatmeal is the very best food for ducklings for the first few days. In fact we feed it for two weeks. Boil it and allow it to cool before feeding it. After the ducks are two weeks or ten days old mix corn meal and wheat middlings, equal parts, and cook in the same manner and cool before feeding. Sometimes we add to the porridge a few lettuce leaves and table scraps, containing meat scraps, etc. This makes the best balanced ration obtainable. If you have a marshy place you can spade up a plot that will be convenient for the ducks to run to on warm days. You will find this will make an ideal place for the ducklings to gather worms and other water insects. Ducklings should have plenty range, but not much water to swim in. I like water for the ducks to bathe in for a few hours each day on mild warm days, but to permit them to run in the water every day regardless of weather conditions and no limit to the time soon produces rheumatism and leg weakness.

Ducks are not hard to raise if you feed and care for them intelligently. They must have a pan of water to drink every time you feed, otherwise you will find that they will choke and soon have "clogged nostrils." If you can arrange to let your ducks have as much range as possible it will lighten the feed expense and at the same time stamps more vigor in the growing fowls. Feed so as to not force too much growth, but feed a flesh and bone builder such as recommended. Whole grain is very unsatisfactory for ducks, any age. Feed a mash in every instance. Charcoal is a very satisfactory adjunct to the grit and shell department. I like to feed them all the charcoal they will eat. It is very helpful to them and adds to the vigor and health of the ducks. Ducks are not easily overfed like most fowls, yet they can be overfed. I feed just what they will clean up quickly and avoid whole corn meal. So many have the idea that pure corn meal is the thing for ducks. It is too fattening and is not balanced. Ducks on straight corn meal rations will die suddenly without any apparent cause. It is due to overfat, produced by heavy feeding of corn meal.

See that the ducklings have dry brood coops and never turn them out in the early morning dew. While they are a water fowl, yet they cannot stand exposure to water while young any more than a chicken. If you have to keep them up of mornings any great length of time or during rainy days, place a few feet of poultry netting around the coop so that the ducks can run out at will, at the same time keep the mother hen in the brood coop so that the ducks can return and hover when they get cold. We always brood and care for duckyings much the same as we do

the chicks except feed a mash, while chicks are fed a dry grain ration.

Keep a dish of clear white sand near the brood coop. You will be surprised how quickly they will consume a dish of sand, and it is a great aid to digestion. Don't make the mistake many do of allowing the ducks to run in the wet grass as this will kill them as quickly as anything we know of. You will find ducks rapid growers if handled and fed carefully.

J. C. CLIPP.

An interesting example of commercial achievement based on "old fashioned" principles of fair dealing is found in the splendid success of G. P. Pilling & Son Company, of Philadelphia. For more than a century this widely known concern has consistently fol-

of Benjamin Franklin: "Keep your shop and your shop will keep you."

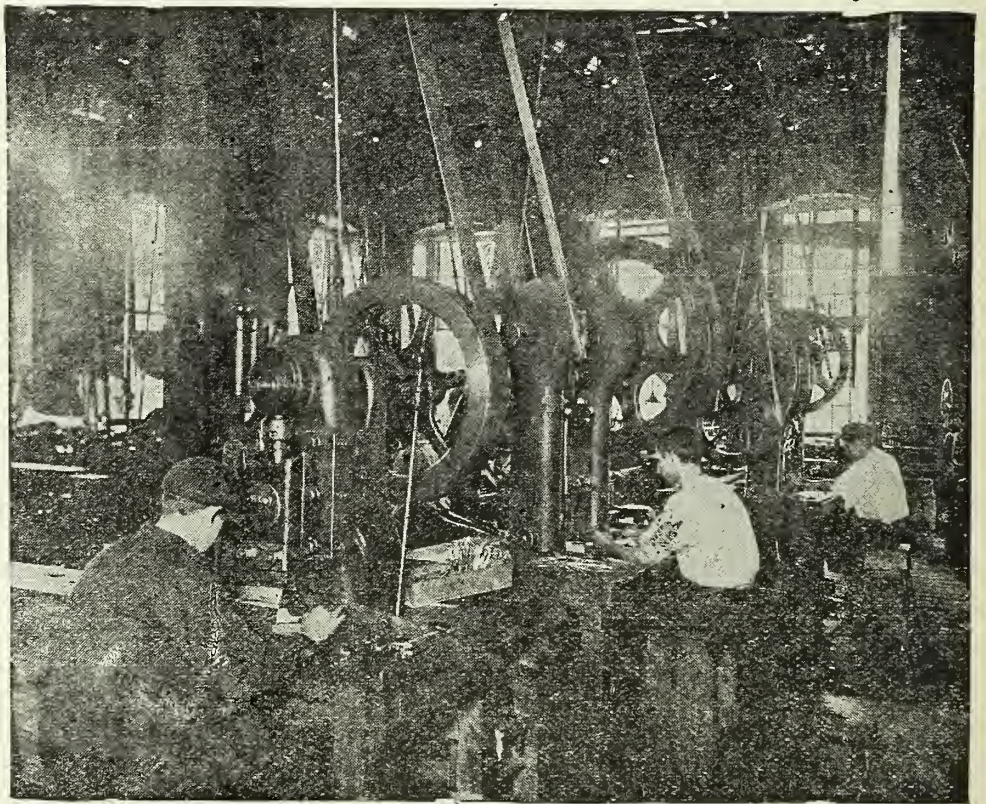
No mushroom growth was this—to rise in a day and disappear as quickly. As the years passed each showed a substantial increase based on that most stable of all commercial assets—satisfied customers. And as a result, the Pilling business grew from a tiny local shop to an establishment with an international reputation.

Today G. P. Pilling & Son Co., are the largest makers of specialty surgical instruments in the world and occupy a large, modern, five-story plant at the Northwest corner of 23rd and Arch Streets, Philadelphia.

Of particular interest to the readers of this publication is the branch of the Pilling business devoted to the manufacture and distribution of caponizing instruments—a line in which this firm stands pre-eminent. Pilling caponizing tools are primarily designed and built for service rather than merely to sell. The high quality standard that has been uniformly maintained, has made caponizing instruments bearing the Pilling brand standard of reliability throughout the poultry world.

Made by skilled mechanics from latest and best designs of experienced caponizers they are easy and safe to use and certain to give long and satisfactory service. The latest improved machinery together with a tremendous output permits a scale of prices as low as is consistent with quality; while the big variety of sets offered enables the customer to select just what will meet his particular need. The illustrations shown herewith give an interesting idea of the magnitude of the manufacturing operations at the Pilling factory.

Many of the Pilling instruments are thoroughly protected by patents making it neces-



Interior view of the capon tool factory of G. P. Pilling & Son Co., Philadelphia, Pa.

generation after another in the same satisfactory way as makers of surgical and veterinary instruments.

Way back in 1814 the Pilling business made its start in a humble way, in an old time bay-windowed shop. And the founders of the firm unquestionably kept in mind the precept

sary to obtain them from this concern in order to secure the latest and best without infringement the Pilling patents.

A most interesting free book on caponizing is published by them; every up-to-date poultryman should send for a copy, and inform himself of the big increase in profits that caponizing make possible.

Closing out Sale of Barred Plymouth Rocks

Having sold our farm, I will be compelled to sell all of my prize winning birds, including my Cincinnati, Louisville, Richmond, Lexington, Nicholasville and Nashville winners. If you need any hens, cocks, pullets or cockerels write me at once, and I will make you exceedingly low prices, as they must be sold in the next two months. Would sell the whole flock in one lump at a real bargain.

A. C. COFFEY, Mgr.

McKinney, Kentucky

Lincoln Farms.

Popular Talks on Law

By WALTER K. TOWERS, A. B., J. D.,
of the Michigan Bar

POPULAR TALKS ON LAW—FULFILLING THE CONTRACT.

By Walter K. Towers, A. B., J. D., of the Michigan Bar.

NOT infrequently, in his anxiety to close a bargain, one will agree to furnish an article or perform services to the satisfaction of the other party. Your watch is out of order; you take it to a watchmaker, yet hesitate about leaving it for him to repair. He agrees to fix it to your satisfaction. You wish to purchase a silver dish of a jeweler, but you desire a monogram placed upon it, and you doubt that he possesses the artistic ability and good taste to do the work so that it will please you. He assures you that he can and will please you and that if he does not perform the task to your satisfaction you need not take the dish. You give him an order under these conditions.

You wish to have your roof fixed and, driving a close bargain, insist that the carpenter agree that he will perform the task to your satisfaction, else he need not be paid. You go to your tailor to place an order for a suit. In his anxiety to secure the order, which you seem somewhat loathe to give, he assures you that he will make you a suit that will satisfy you and that if he does not, you need not take it.

In each of these cases you have entered into a contract with the tradesman or workman, calling for the performance of certain labor and the furnishing of materials or the sale of an article. Now, suppose that in each of these cases the work specified is performed in a fair and workmanlike manner, with reasonable skill. Yet, suppose you have changed your mind in every case and no longer desire the article or the work that was done, or you feel that the work does not quite please you. Therefore, you insist that as the others took the risk of pleasing you, you are entitled to insist that they do it and if they do not you may refuse to accept the work which they have performed for you. They insist that the work is well done and that you ought to be satisfied. Your contention is that no one but yourself can say whether you are satisfied or not and that if you say you are not, that settles it.

Suppose that the watchmaker, the jeweler, the carpenter and the tailor all sue you, insisting that they have performed their portion of the contract and that you must make the payment agreed. Are you entitled to insist upon the letter of the contract and enforce your own work as to whether you are satisfied or not, regardless of whether a reasonable man would say that you ought to be satisfied? The answer is that in some cases you can and in some cases you cannot.

The watchmaker and the carpenter could force you to accept their work and make the agreed payment; the jeweler and the tailor

would probably be forced to accept your decision that you were not satisfied, and make such other disposition as they could of the dish engraved with your monogram and the suit cut to your measure, without receiving any pay whatever from you. The distinction which the law draws between these cases is the distinction between work requiring a mechanical execution and a mechanical excellence and work designed to fit varying personal taste, as work of an artistic nature. If a brick foundation is to be built for your new shed, and is to be completed to your satisfaction, and it is completed in a substantial and workmanlike manner, and a jury of ordinary men decide that a reasonable man would be satisfied, then the law will insist that you ought to be satisfied whether you say that you are or not. So it is, also with the repairing of the watch and the repairing of the roof. These are mechanical acts, and if the jury finds the work well and properly done, and believes in view of all the circumstances that a reasonable person would be satisfied, you will be compelled to accept the work, despite the fact that the agreement required that it should be done to your personal satisfaction. But a suit of clothes and a monogram upon a silver dish are matters involving personal taste rather than mechanical excellence. If these articles do not conform to your personal tastes you do not want them, and no one can decide that you ought to want them, for it is proverbial that there is no accounting for tastes.

It is a general rule that a contract must be performed literally. Neither party can claim to have performed the contract until he has done just exactly what the contract requires in all of its terms. The work or material to be furnished, or the money to be paid, must be supplied in the exact quantity and quality specified at the place and time specified.

Yet this rule, like all others, has exceptions, one of which we have noticed above. In certain classes of cases the law is inclined to allow substantial compliance with the terms of a contract as amounting to performance. When a matter involving many details is generally completed as specified, yet fails in details of minor importance, the law regards this as substantial performance and requires that the other party fulfill his part, though an allowance is made him to cover the items in which the work was not as specified. Thus, if a house is being built for you under contract, and is completed in accordance with the contract in all the larger details, but varies in a few lesser places, you cannot refuse altogether to accept the house, in case he sues you on the contract, but an allowance will be made amply sufficient to cover the cost of making the defective parts conform to the specifications.

What is known as impossibility of performance is stated as one of the legal excuses for failure to perform a contract. This is very likely to confuse the average person, as most of the things which we would view as "impossibilities" are not such "impossibilities" as will, in law, excuse the failure to fulfill a contract. The impossibility which will put an end to a contract must be of a sort that the parties can be deemed to have contemplated as an adequate excuse, should it chance to occur. Hardship or unforeseen difficulty, no matter how severe, will not excuse failure to perform according to the terms of the agreement. If a man agrees to paint your house in two days, it is no excuse that he finds it impossible to finish the house in two days, no matter how hard he works. Neither

is it an excuse that his materials are stolen or destroyed and so he cannot proceed. Nor is it an excuse that his workmen strike, unless that is provided against in the contract. But if the house should be burned, that would amount to a destruction of the subject matter of the contract, which is such an impossibility as will furnish legal excuse for failure to perform.

If one contracts to furnish his own personal services (not to do something that anyone may do) and dies, or is seriously injured or falls ill, no damages for failure to perform his contract may be recovered against his estate, or against him, since this is such an impossibility as furnishes legal excuse.

When one has completed his side of the contract, and not until then, may he bring legal action to force the other party to do his part. An exception to this is where the other party has definitely broken the contract in advance by word or action, as by a definite statement that he did not intend to fulfill the contract. A person who has contracted to deliver goods must have the goods specified at the time and place required. Then if the other party refuses to accept them, a breach has occurred which gives to him a legal right of action. If the agreement is to sell for cash he need only tender delivery, and if the other party has not the cash to fulfill his part of the agreement there has been a breach of the contract.—(Copyright, 1913, by Walter K. Towers.)

United States Postoffice,
Louisville, Ky.

This office has been selected to help to extend the facilities of the parcel post service by bringing the producer and consumer in closer touch with each other, especially in the case of farm produce. It is desired that all producers who have country produce for sale notify the postmaster at Louisville, Ky., what produce they have for sale, such as butter, eggs and general produce. When a sufficient number of names are received they will be compiled and printed and distributed to persons in this city who would likely make use of such lists. In this way the producer will find a market for his produce and the consumer will find where produce may be readily obtained through the postmaster at Louisville, Ky., who is desirous of co-operating to the greatest possible extent in this matter.

THOMPSON'S ROSE COMB REDS

Rose Comb Reds are good. Thompson's are better than most. Winners over all in Red class in largest show in State. Layers—hence payers. Write or prices on fine young stock.

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A very compact book, size 8½x8½ inches, giving ample space for making entries without crowding. Printed on best quality paper and handsomely bound. Our simple labor-saving system of special indexing is a feature that adds much to the book and affords a great saving of time in making entries. 100 Leaves \$2.00:

THE INDUSTRIOUS HEN, - - Louisville, Ky.



If you are Secretary of your Specialty Club, Poultry Show or Association, be sure to send in your news each month for this department. We will gladly publish same free for you. Also let your members know what the Club and Association are doing. Keep them posted.

SHOW DATES.

Muskogee, Okla., Fair—Oct. 5-11, 1914. C. P. Van Winkle, judge; S. J. Anderson, superintendent.

Dallas State Fair—Oct. 15-30. Walter Burton, superintendent, Arlington, Texas.

Lake Charles, La.—Nov. 23-28. H. K. Ramsey, secretary.

Shreveport, La.—Nov. 4-11, 1914. Louis N. Brueggerhoff, secretary; McCord, judge.

Honey Grove, Tex.—Nov. 17-19. W. E. Morris, secretary; R. A. Davis, judge.

Hot Springs, Ark.—Nov. 16-21. W. W. Waters, secretary.

Arlington, Tex.—Nov. 17-19, 1914. C. P. Van Winkle, judge; W. J. Pulley, secretary.

Muskogee, Okla.—Official show Oklahoma State Poultry Federation, Nov. 30 to Dec. 5. A. G. Harmon, secretary; Van Winkle, Keeler and Dipple, judges.

Austin, Tex.—Dec. first week. Mrs. M. D. Carr, secretary; Hutchison, judge.

Austin, Tex.—Dec. 2-5, 1914. Mrs. M. D. Carr, secretary.

Hollis, Okla.—Dec. 3-5. B. B. Bell, secretary; A. T. Modlin, judge.

Cleburn, Tex.—Dec. 8-11, 1914. C. P. Van Winkle, judge; Edwin S. Clayton, secretary.

Alexandria, La.—Dec. 9-13, 1914. C. P. Van Winkle, judge; W. H. McCrackin, secretary.

New Braunfels, Tex.—Dec. 10-13, 1914. Alex Forke, secretary.

Rockdale, Tex.—Dec. 16-19, 1914. Mrs. D. H. Sanford, secretary; Walter Burton, judge.

Fort Worth, Tex.—Oct. 10-17. Emmett Curran, secretary, North Fort Worth.

Houston, Tex.—Nov. 9-14. J. W. Good, secretary.

Stamford, Tex.—Nov. 25-28. Bruce Meadows, secretary; Walter Burton, judge.

Jennings, La.—Nov. 24-28. H. Floyd Midkiff, secretary; C. P. Van Winkle, judge.

Stephenville, Tex.—Nov. 26-28. W. T. Graves, president.

Memphis, Tenn.—Sept. 28 to Oct. 3. Martin F. Schultz, secretary, Bartlett, Tenn.; Branch and Stamer, judges.

Amarillo, Tex.—Dec. 3-8. Dr. R. D. Gist, secretary; Walter Burton, judge.

Magnolia, Ark.—Columbia County Fair, Oct. 14-17. Elmer Davies, Jr., superintendent.

San Antonio, Tex.—Nov. 3-8. Geo. Loessberg, secretary, Postoffice Box 497; H. B. Savage, judge.

Mountain View, Okla.—Oct. 16-19. Paul A. Parnell, secretary; C. A. Emry, judge.

Hutchison, Kan.—Jan. 5-9, 1915. W. B. Powell, secretary; D. T. Heimbich and J. J. Atherton, judges.

Lake Charles, La.—Nov. 23-28. H. K. Ramsey, secretary; C. P. Van Winkle, judge.

Corpus Christi, Tex.—Jan. 14-16, 1915. L. E. Thom, secretary.

Madison, Wis.—January 4-8, 1915. Judges, G. W. Hackett, D. E. Hale and W. E. Stanfield. J. G. Halpin, secretary.

New London, Ohio.—January 19-23, 1915. G. Z. Darby, secretary.

Cartersville, Ga.—October 20-23, 1914. Loring Brown, judge. W. C. Gaines, secretary and superintendent.

Bennettsville, S. C.—November 18-20, 1914. R. Crosby Newton, secretary and treasurer.

Charleston, W. Va.—January 2-9, 1915. R. L. Simmons, judge. Julian C. Byrd, secretary.

Murphysboro, Ill.—December 15-18, 1914. O. G. Rawlings, secretary.

Marion, Ind.—December 2-12. Earl Hemeway, judge. N. F. Hazlett, president; Frank Sherwin, secretary.

Kansas City, Mo.—January 11-16. Judges, T. W. Southard, V. O. Hobbs, G. D. McClaskey, E. W. Rankin and A. J. Meyer.

E. L. Noyes, secretary.

Spokane, Wash.—December 15-19, 1914. James A. Tucker, judge. Mrs. H. A. Klusman, secretary.

Charlotte, N. C.—December 20-31, 1914, January 1-2, 1915. Walter R. Byford, secretary.

Houston, Tex.—November 9-14. W. F. Krahl, secretary.

Butler, Mo.—November 30 - December 3, E. C. Branch, judge; Edson Snyder, secretary.

Wooster, Ohio—December 8-12, 1914. Judge Faulkner; A. H. Smith, secretary.

Darlington, S. C.—November 25-27, 1914. Loring Brown and Mrs. Florence Forbes, judges; Harry Lee Harlike, secretary.

Niagara Falls, Canada—November 30 - December 4, 1914. Judges, McNeil, A. O. Schilling; Wilfred E. Sears, secretary.

Chattanooga Show.

The Chattanooga Poultry Association have set the date of December 7th to 12th inclusive, for their 1914 show. Chas. I. Fishel, of Hope, Ind., and F. J. Marshall, of Atlanta, Ga., will officiate as the judges, the show being a comparison show, open to the world. Catalogues and premium lists will be ready for mailing by October 15th, and requests for same should be mailed to the secretary, F. C. Rose, P. O. Box 103, Station A, Chattanooga, Tenn.

Houston, Texas, Show.

The eighteenth annual show of the South Texas Poultry and Pet Stock Association will be held in Houston, Texas, November 9th to 14th. Houston always has one of the best shows in the South, but this year it bids fair to be without a parallel. Judge Drevenstedt has been engaged to place the awards.

In addition to the poultry show, Houston will celebrate at this time the completion by the Federal government of the Houston Ship Channel opening to Houston and ocean commerce of the world. There will also be at the same time the No-Tsu-Oh Carnival Celebration which can only be described as one of the most unique entertainments in the world. During these attractions large numbers through the city and the poultry grounds are crowded during the entire week.

There is great interest being manifested in the poultry industry in South Texas and breeders will find this show a most excellent place to dispose of their surplus stock. Last year birds were shipped direct from the show to California and not infrequently sales are made to people residing in Mexico and Cuba.

Bring your birds to Houston where will be held the finest poultry show in the South and where seventeen railroads meet the sea. For premium list and further particulars address, W. F. KRAHL, Secretary.

Houston, Tex.

Handsome Ribbons for Buff Leghorns.

The American Buff Leghorn Club will offer beautiful ribbons valued at one dollar each for the best shaped male, best shaped female, best colored female and best colored male, Single and Rose Comb Buff Leghorns. Only members of the club can compete for these prizes. Orders will be given to the winners by (put name of secretary of local show here).

The club also offers \$25 silver set to all shows. Members should see that the offers appear in their premium list.

You can become a member of the club

any time inside of one week before the show, and compete for these ribbons by sending \$1 to Geo. S. Barnes, Battle Creek, Mich. Send 5 cents in stamps for 80 page book about Buff Leghorns that is better than many \$2 books on the market.

Efficiency Strain of Barred Rocks and S. C. White Leghorns.

Be sure to look up the advertisement of O. B. Andrews, Chattanooga, Tenn. on the back cover of this issue. If you are in market for Barred Rock cockerels we are sure you can find no better bargains anywhere. Mr. Andrews' birds have won all over the South and this certainly speaks for the quality he is producing. In writing him be sure to mention The Industrious Hen.

If your subscription expires with this issue of THE INDUSTRIOUS HEN, you had better renew at once.

This will introduce to you our new Artist.

W. J. SMITH

402 Commercial Bldg.
Louisville, Ky.

Leg Bands — Complete line — all styles and colors. Aluminum bands with turned over edges — celluloid colored number strips. Leader adjustable: 12, 35; 25, 60; 50, 110; 100, 220; 500, 83.50. Postpaid. Also sealed and double clinch bands. Write for catalog. Samples free.

The Keyes-Davis Co., Dept. 520, Battle Creek, Mich.

— THE —

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Grinds Fastest, Runs Easiest, Lasts Longest Extra Hard Burrs, Grinds Dry Bone, Shells, Nut Hulls, Chicken Feed, Graham Flour, Coffee, Spice, Peas, or any small dry grain

No. 10 Price \$5.00

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704 E. Main Street LOUISVILLE, KY.
Write for Catalog for other lines.

BARGAINS EXTRAORDINARY IN WHITE PLYMOUTH ROCKS

For the next 30 days I will offer the following: Cockerels \$3 each. Trios (male and 2 females), \$5. Pens (male and 5 females), \$10. Properly mated to produce the best there is in White Plymouth Rocks. Satisfaction guaranteed or money refunded. Write at once as this offer is only made to reduce my flock for the winter. Address:

W. B. JENKINS, PROP.

OAKLAWN POULTRY YARDS,

GLENDAL, KENTUCKY

(Continued from page 98.)

POLISH.

Male: First, William Wirsch.

Female: First and second, William Wirsch.

HOUDANS.

Male: First, William Wirsch.

Female: First, William Wirsch; second, A. M. Acra; third, Ellis Boone.

DUCKS.

Pekin Drakes: First, Mrs. B. F. Jackson, Eminence; second and third, A. M. Acra; fourth, Mrs. Fred Reese; fifth, Mrs. B. F. Jackson.

Pekin Duck: First, Mrs. Fred Reese; second, A. M. Acra; third and fourth, Mrs. B. F. Jackson.

Rouen Drake: First, second and third, A. M. Acra.

Rouen Duck: First, second and third, A. M. Acra.

White Indian Runner Drake: First and second, Chiles & Co.; third, C. S. Lyons.

White Indian Runner Duck: First, Chiles & Co.; second, C. S. Lyons; third, Chiles & Co.

Wild Mallard Drake: First, John O. Reid; second and third, Eliza B. Young.

Wild Mallard Duck: First, second, third and fourth, Eliza B. Young.

Muscovy Drake: Mrs. T. D. Pollard, La-grange.

Muscovy Duck: Mrs. T. D. Pollard.

TURKEYS.

Bronze Turkey Cock: First and second, J. Kelly Lawrence; third, Mrs. George F. Lyon.

Bronze Turkey Hen: First and second, J. Kelly Lawrence; third, Mrs. George F. Lyon.

Bronze Turkey Cockerel: First, George F. Lyon; second and third, J. Kelly Lawrence.

Bronze Turkey Pullet: First and second, J. Kelly Lawrence; third, Mrs. George F. Lyon.

White Holland Turkey, Male: First, Mrs. William J. Winter; second, C. K. Harmon; third, fourth and fifth, Wainright Lea.

White Holland Turkey, Female: First, C. K. Harmon; second and third, Mrs. William J. Winter; fourth, Wainright Lea; fifth, Mrs. William J. Winter.

Narragansett Turkey, Cock: First and second, S. L. Rhea; third, Mrs. T. D. Pollard; fourth, S. L. Rhea; fifth, Mrs. S. L. Rhea.

Narragansett Turkey, Hen: First, Mrs. T. D. Pollard; second, third, fourth and fifth, S. L. Rhea.

Narragansett Turkey, Cockerel: First and second, S. L. Rhea.

Narragansett Turkey, Pullet: First and second, S. L. Rhea.

Buff Turkey, Male: First, J. R. Sanders; second, D. L. Evans.

Buff Turkey, Female: First, J. R. Sanders; second and third, D. L. Evans.

GEESE.

Toulouse Gander: First, A. M. Acra; second, third and fourth, J. L. Pound.

Toulouse Goose: First, A. M. Acra; second, third and fourth, J. L. Pound.

Emden Gander: First, Mrs. B. F. Jackson; second, Wainright Lea; third and fourth, Mrs. B. F. Jackson; fifth, R. M. Bannister.

Emden Goose: First, second and third, Mrs. B. F. Jackson; fourth, R. M. Bannister; fifth, Wainright Lea.

Chinese Gander: First and second, J. L. Pound.

Chinese Goose: First and second, J. L. Pound.

African Gander: First, George Ewald; second and third, J. L. Pound & Son.

African Goose: First and second, J. L. Pound & Son.

Kentucky State Poultry Show.

The poultrymen of the South should remember that the Kentucky State Poultry Show will be held by the State Experiment Station at Lexington, January 4th to 9th, 1915. Last year over 400 birds were included in the show and this winter probably that number will be doubled.

As a special feature of the show the white birds will be bedded with wheat bran. Last year it was believed that the very best material for bedding had been selected when alfalfa meal was used, but it was found by the management that the meal discolored the feathers slightly. Inasmuch as this is the show "ideal" it is the purpose to have it absolutely perfect in every detail. The State has therefore recently carried out an experiment by bedding a number of white birds in exhibition coops with wheat bran, at the station farm. Since carrying out this experiment it has been found that the wheat bran serves admirably because it does not discolor the feathers, forms a soft bedding and if eaten by the bird it is beneficial rather than harmful. It is possible that bran will be used also for colored birds exhibited at the show.

The experiment station is particularly proud of the judge that has been secured for this work. Mr. Theodore Wittman, of Pennsylvania, will award the ribbons and it is believed that no more capable man could have been found for the work. This is the only poultry show that his official duties in Pennsylvania will permit him to judge. Special pens will be constructed for the turkeys. All of the pens that have been used in the past at the various shows have been too small.

Handsome cups and premiums have been offered by the various poultry breeders associations and poultry journals. Also the Kentucky Poultry Association has recently donated \$25 cash special to the show. All of these premiums will be used to supplement the very liberal premiums offered by the experiment station. The money paid to the exhibitors will be as follows: First premium, \$3; second, \$2, and third, \$1.

J. J. HOOPER.

Kentucky Experiment Station, Lexington.

Buff Orpingtons.

Buff Orpingtons of unusual quality have been the result of the matings this year on Larwood Farm. They have several hundred classy youngsters coming on that will continue to be heard from in the best shows in



the country as the season progresses. Their strongest handicap comes from the fact that no extremely early hatching was done there

last spring. Yet in spite of this the keen quality of their stock has been winning in some of the fastest shows held this fall. Probably the very best Buff Orpington class brought together any place in America this fall (at least up to the present) was at the great Forest City Fair at Cleveland, August 20th-25th. And there in competition with a large number of the very best breeders the United States has produced they won on eleven of their youngsters. They can spell nothing but real quality.

Later at the Kentucky State Fair at Louisville, showing only sales stock, they won first cock, fourth and fifth cockerel, first and second pullet, first pen and best display. After seeing birds of this grade with sales tags to their coops and all priced right for the quality, we and every other visitor to the fair must realize that Wyant Brothers have some mighty good ones to send their customers, and know they can be bought worth the money. Knowing them and their business methods as we do, we can safely recommend them to our readers who are in need of new blood or a correct foundation. When writing address Wyant Brothers, Route 8, Thorntown, Ind., and please mention The Industrious Hen.

Dumaiesq Buttercups

Eggs and stock for sale. Exhibition fowls a specialty. My patrons have won firsts at Madison Square, Palace Show, Boston, Canada, also in England, and many smaller exhibits. Pens mated with strong, vigorous, standard birds. Write for circular. Address MRS. J. S. DUMAIESQ, Cato's Hall, Easton, Md., R. No. 5. Treasurer A. B. C.

MEYER'S

Champion Strain of Black Langshans have been winning at America's best shows in the last few years. Eggs the rest of the season at one-half price. Write for free circular which tells all about them. Yours for better Langshans.

W. A. MEYER,

Bowling Green, Mo.

ARE YOUR CHICKENS HEALTHY?**LOOK! READ!**

An up-to-date treatise just off the press on all the ailments peculiar to chickens

BY J. GAYLORD BLAIR

EVERY POULTRYMAN SHOULD HAVE THIS BOOK

This new book covers every disease known to poultry. It has the following chapters: I. Requirements of Health. II. The Skin. III. Legs and Feet. IV. Head, Throat and Nasal Passages. V. The Lungs. VI. The Crop and Intestines. VII. The Abdomen and Egg Organs. VIII. Parasites. IX. Habits.

It tells how to cure and prevent every disease known to poultry. One article on *White Diarrhoea or Bowel Trouble* is worth the price of the book, 50c, and will save you many dollars during the hatching season. It not only tells how to cure and prevent poultry diseases, but also gives valuable points on housing, feeding, caring for small chicks, mating, etc.

THE PRICE IS ONLY FIFTY CENTS

Order your copy now and be ready to doctor all your sick birds and also learn how to prevent all diseases known to affect poultry and double your profits. YOUR PROFITS ARE SURE IF YOU FOLLOW THESE SIMPLE INSTRUCTIONS LAID DOWN IN THIS BOOK.

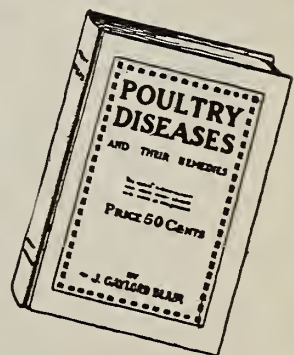
We will send you this book postpaid and a year's subscription to the Industrious Hen for 60 cents.

Address,

Blair-Young Publishing Co.

American National Bank

Louisville, Ky.



Toledo, Ohio, Poultry Show.

Without a doubt the best poultry show ever held in Toledo, Ohio, will be the one held by the Tri-State Poultry and Pet Stock Club (Inc.), of that city the week of November 30th - December 6th, 1914, inclusive. Following are some of the reasons for the above statement:

1. The show will be held before the cold weather and there will be no danger from frosted combs.

2. The judges are J. H. Drevestadt, Newton Cosh and Frank Conway. Every exhibitor likes to have the awards placed by judges of national reputation. Can you beat these?

3. Winners at this show can be advertised in the January journals which is recognized as the best issue for selling stock.

4. If you have any exhibition stock for sale, this show will help you to sell them.

5. This show will allow you to mate up your breeding pens for an early season.

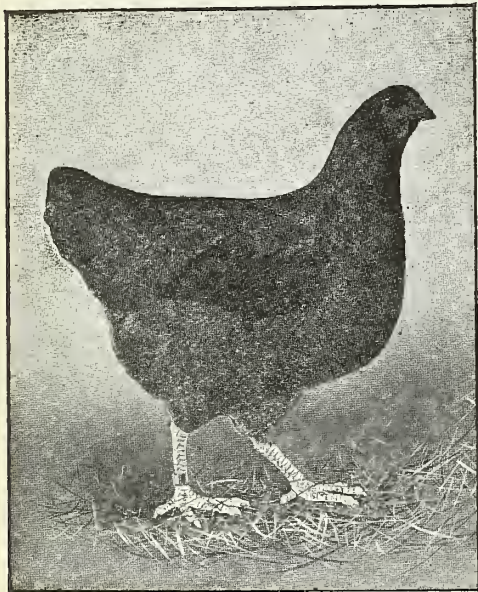
6. Premiums will be paid promptly. Last year all of the premiums were paid by Friday night of show week.

7. Winners at this show can be sold for Chicago and delivered in good time.

8. "You will do better in Toledo, O."

The list of premiums is very liberal, and in addition the Tri-State Poultry and Pet Stock Club and the business men of the city have placed a fine list of silver cups and gold specials. The classes are not large and it will be an easy matter for you to take home one or more of these fine premiums. They also have a fine offer for the specialty clubs.

Aside from the money value of your premiums, the winning under such judges as the



R. C. Rhode Island Red pullet, bred and owned by Hawthorne Poultry Yards, St. Matthews, Ky.

ones selected and at Toledo will be worth a great deal in future advertising.

Send today to W. D. Tracy, secretary, 820 Monroe street, Toledo, Ohio, for full particulars, as to premiums, special offers, etc.

Great Silver Cup Poultry Show.

The second annual exhibition of Goshen Poultry Association will take place at Goshen, Ind., December 8-12, 1914. This will be the great silver cup show of Indiana, the association fully expecting to give close to one hundred cups this year. These will be placed on all varieties and competition will be open to the world. Be sure and send your name now for a copy of our premium list. Charles V. Keeler, of Winamac, Ind., has been engaged to place the awards. Everyone that knows of Mr. Keeler is sure that the awards will be placed just where they belong.

The following officers were elected for this season: President, Will H. Schadt; vice-president, Guy Lichtenwalter; secretary, A. A. Kryder; treasurer, C. A. Whittle; superintendent, H. F. Knight.

All efforts are now being put forth to get the premium list out promptly on time by October 1, but you better send your name now so we can place it on file and it will insure you a copy promptly when it comes from the hands of our printer. Address Will H. Schadt, president, or A. A. Kryder, secretary, Goshen, Ind.

NOTICE TO POULTRY ADVERTISERS.

The catalog for the big Armory show at Louisville will close and be ready for mailing October 15th. Advertisements for the six pages yet unsold will be accepted up to the 12th. If you want an ad. in this handsome premium list, write the secretary at once. The space is cheap and going fast. OHIO FALLS FANCIERS ASSOCIATION, 103 West Market St., Louisville, Ky.

Prominent poultrymen attending the 1913 exhibition pronounced it "one of the season's best" in appearance and arrangement of exhibits, in the personnel of exhibitors and judges, in the quality of birds and as a sales exhibition. Percy A. Cook, of Wm. Cook & Sons of Scotch Plains, N. J., the noted Orpington expert who was an exhibitor at the 1913 show writes "Your 1913 exhibition was without a doubt the best show I attended during the past season. It would be impossible to find a better building for an exhibition than the Auditorium. It was also an excellent show for sales and our splendid winnings have brought us a great deal of business."

This year's show dates are November 23-28 (Thanksgiving Week.) Information and premium list, which will be ready for mailing October 1st, can be had by addressing Wm. C. Denny, Secretary, Buffalo, N. Y.

There will be a large number of good poultry shows held in the South this season, and we will have something to say regarding some of them in our September and October comments.

24 LEGBANDS FREE MAKE YOUR HENS PAY



We send free 24 of the best Leg Bands made to every new and renewing subscriber to THE INDUSTRIOUS HEN at 50c. 36 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c for his subscription, we will send a dozen Leg Bands to each. Enclosed money order or stamps. Mention "Leg Bands" when subscribing under this offer.

BLAIR-YOUNG PUB. CO. LOUISVILLE, KENTUCKY.

RHOM BROS. QUALITY BUFF AND PARTRIDGE ROCKS

Winners at Hamilton, Ohio; Springfield, Ill.; Cincinnati, Chicago, Indianapolis and other shows. Won twenty-two silver cups in hot competition. Eggs now one-half price. R. D. No. 3, Fountaintown, Indiana.

S. C. MOTTLED ANCONAS BARRETT'S BLUE RIBBON AND IMPORTED STRAINS

We are offering a number of fine cockerels now for quick sale for \$2, \$3 and \$5 each. Satisfaction guaranteed or money refunded. Address,

GLASS & HILLIN,

Lenoir City, Tennessee

SHOW YOUR BIRDS AT ONE OF THE SOUTH'S BEST SHOWS

AT COLUMBIA, SOUTH CAROLINA—OCTOBER 26-30

South Carolina Poultry Association in charge at the Great State Fair. Over \$700 in Premiums. All Premiums paid on Thursday at show room. Fifty thousand visitors saw this Great Exhibit last year. Write for special Premium List. All money; no cups. Judges, D. M. Owen and J. P. Kerr.

H. E. THOMPSON, Secretary, 2012 Marion Street, COLUMBIA, SOUTH CAROLINA

WHITE PLYMOUTH COCKERELS FOR SALE

Three—Fishel strain. Will sell the three birds for \$10.00. These birds are very cheap at this price. Very large, nice shape and pure white, no brassy effect. Also have a fine bunch of squab breeders in Corneax, exhibition Homers, show Homers and Racing Homers. The best in the country. I will guarantee to please you or refund your money.

ENGLESIDE PIGEON LOFTS

I. J. ENGLE, Proprietor.

125 HANOVER ST., LEXINGTON, KY.

Brother Standish, editor of "The Index," says that at the last moment business developments kept him from attending as he had expected to do. However, from all he heard it was a rather tame affair, with only about five Eastern members present. We trust that at the next meeting Brother Standish and the other Eastern members whose absence kept the meeting from being a live one, will be present, and that more good will be accomplished. But what's the use.

Among the more important varieties admitted to the Standard at this meeting were: Campines, Andalusians, White Minorcas, Salmon Faverolles, etc. Campines were given a new class known as the Continental.

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White and Columbian Wyandottes
LIGHT BRAHMAS and S. C. WHITE LEGHORNS
 Over 30 years a breeder. Stock and eggs for sale.
MICHAEL K. BOYER, Box H. Hamonton,
New Jersey.

S. C. WHITE LEGHORNS
 Breeders for sale to make room for young stock. White Runner Eggs, \$1.50 for twelve.
ENGERT POULTRY FARM,
STATION C. CHATTANOOGA, TENN.

HERE IT IS FREE



We give this big mill free for only a few hours' work. To each person sending in [8] twelve-months subscribers to **Industrious Hen**, at fifty cents each, and remitting to us four dollars, we will give this big hand grinder absolutely free. It will grind from one to two bushels per hour of corn, wheat, oats, peas, etc., also dry bone, oyster shells, etc.

You can secure the eight subscriptions among your neighbors in a few hours. Write us for samples, etc. Address

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LOUISVILLE, - KENTUCKY

Protect Bird Profits
 by protecting bird health. Use
KENTUCKO WARE
 It is "mechanically perfect—looks it." Galvanized after made—non-rusting—easy to clean. Send for big free circular.
Kentucky Stamping Co., 124 N. 15th St., Louisville, Ky.

IF INTERESTED IN
GOLDEN CAMPINES
WRITE ME FOR PRICES
 Attractive Prices on Cockerels and Pullets
W. L. CLARK, Danville, Va.

1901—Barred Plymouth Rocks—1914
 Parks Strain. Bred for heavy laying. Twenty-six hens averaged 209 eggs in 11 months. Cockerels for infusing new blood after October 1st.
W. H. MALONE, Proprietor,
MADISON, PENNSYLVANIA

WANTED!
 The Johnsons want your name and address to send you their 1913 Old Trusty Book Free.
JOHNSON has started 400,000 others to big poultry success. He will start you too. Write your postal now—get Johnson's price and big fine book.
Johnson, Incubator Man
Clay Center, Neb.




80 to 90 Days Trial Less Than \$10

SEND BY PARCEL POST:
 Let us show you how we can send you these wonderful coops by **PARCEL POST DELIVERED** to your home for less money than you can purchase coops of inferior quality for in your city.

We also make a specialty of benching shows on a rental or we will sell you the entire outfit. In any event get our prices and terms before placing your order. We can please you and save you money. Send for catalog.

KEIPPER COOPING COMPANY
1401 1st Street Milwaukee, Wisconsin

DENSMORE SINGLE COMB WHITE LEGHORNS
BLUE RIBBON WINNERS WHEREVER SHOWN
 Have 15 years of improvement back of them. Remember **STRAIN** is just as important as **VARIETY**. Careful records show an average of 150 eggs per hen on a flock of 1500.
 One thousand one and two-year-old hens for sale. Write for prices.
DENSMORE POULTRY FARM, Inc., Route No. 3, Roanoke, Va.

SINGLE COMB RHODE ISLAND REDS -:- BARRED PLYMOUTH ROCKS
 World's Champion Business Birds, Exhibition Quality. Clayton's Birds are again to the front, winning at leading shows since 1904, including specials, sweepstakes, etc. Many wonderful birds for sale. Eggs in season. Satisfaction guaranteed everywhere. Let your wants be known—If it's Reds or Rocks you can't go wrong.

L. A. CLAYTON, Breeder. CLAYTON'S POULTRY YARD, Coaling, Alabama

A Natural Poultry Land

Poultry do best in an open winter country. It is artificial to house birds 4 to 5 months in the year.

In the open air, with ample green feeds the year around, they lay better, grow faster and are more vigorous.

The Southeast is a natural poultry region. A growing season of 200 to 300 days annually (varying with locality) allows for a wide range of green foods the year round and reduces the cost of maintenance to a minimum.

If you intend starting in the poultry business and have but limited means, no section can offer you more certain success than the Southeast.

Land at \$15 an Acre up

prices varying with improvements and location, can be purchased in many sections near to good local markets. A Northern Florida poultryman sells his eggs the year around to a local hotel for 40 cents per dozen. Thus profitable home markets are assured. Small fruit growing in connection with the poultry business makes a profitable combination.

Send at once for the "Southern Field" magazine, lists of farms for sale and other information you may desire.

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BREEDER OF EXHIBITION AND HIGH CLASS UTILITY
WHITE WYANDOTTES LEGHORNS
 Write for Catalogue of Breeding Stock—Eggs for Hatching—Baby Chicks
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LOUISVILLE NASHVILLE INDIANAPOLIS HOPKINSVILLE CINCINNATI ATLANTA

R. C. RHODE ISLAND REDS
 At the Kentucky State Fair, 1914, our birds won 1st and 2nd hen, 3rd cockerel and 5th young pen on only five entries. Young stock at prices and quality that will please you. Write us. Satisfaction guaranteed.
J. R. GORDON, R. R. No. 2 JEFFERSONVILLE, INDIANA

ANDERSON'S MINORCAS WILL WIN FOR YOU TOO
 Do you want to win that "Special" offered on S. C. Black Minorcas, or need a few choice birds to complete your string, or make your competitor take a "back seat"? I have them larger and finer than ever. Remember, my Minorcas made a clean sweep at Atlanta, Ga.

R. H. ANDERSON, LYNCHBURG, VIRGINIA

TODD'S SHOW YOU WHITE WYANDOTTES

have demonstrated in the laying contest and the show room that there is none better. These blood lines will start you right. Stock for sale.

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GREEN FOREST, ARKANSAS
State Sec'y National White Wyandotte Club

DIXIES QUALITY STRAIN WHITE WYANDOTTES

Over 1000 promising youngsters to select your winners from for your coming show. The strain that lead all others at the leading Southern Shows the past season and bids fair to eclipse their past records as layers and winners the coming season. If you want **QUALITY** birds write,

CARRINGTON JONES

Box 145

BUNTYN, TENN.

HOW TO WIN

In these days of keen competition, if you want Blue Ribbons, you **MUST** have good birds. You can win with my wonderful strains of

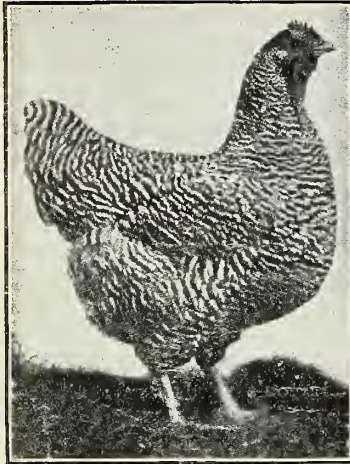
WHITE LEGHORNS, WHITE PLYMOUTH ROCKS, BUFF ORPINGTONS AND REDS

Write me for particulars regarding my guaranteed winners! Also a superb line of Utility stock. Plenty of eggs for hatching and Day Old Chicks. Big runs and ranges insure vigor and vitality, and trap-nests mean heavy layers. Records of prizes won all over the South (sent on request) demonstrates the quality. Mating list is free. Always a pleasure to correspond.

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O. B. ANDREWS' EFFICIENCY STRAIN

Barred Plymouth Rocks and Single Comb White Leghorns. "Ask the Judges"

You can make no mistake in securing blood lines from Efficiency Strain. By intelligent mating and breeding we have brought Efficiency Strain to the highest development. We can furnish you exhibition stock for any show. Our yards now contain birds which will win the Blue at many shows this season. Write us your wants. We can supply your demand for eggs, breeding stock or exhibition fowls.

Eggs from our prize Barred Rock matings \$6.00 per setting, either cockerel or pullet matings.

Eggs from prize White Leghorn matings \$4.00 per setting.

We are offering at a special reduced price of \$5.00 a number of Barred Rock Pullet bred cockerels.

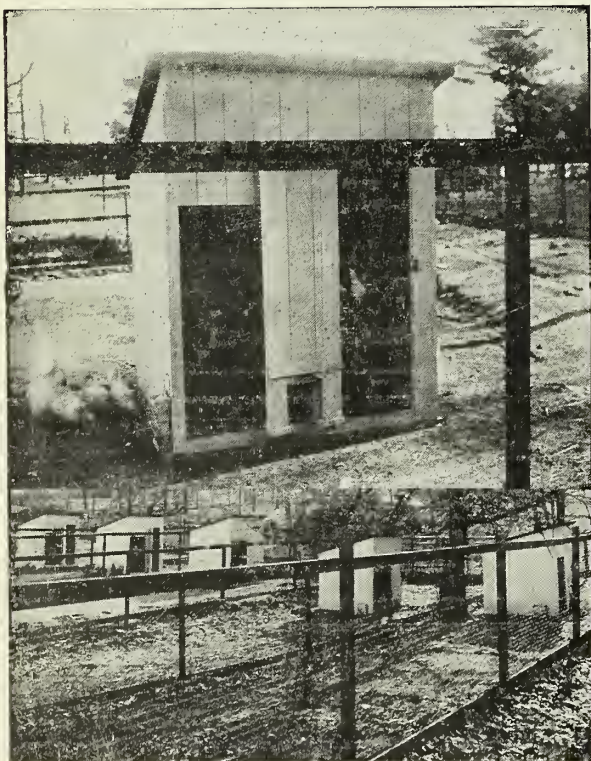
We won't have them long, so order today.

"Andrews' Deathmite which has been used successfully for years at Efficiency Strain Poultry Farm, and which is a most satisfactory preparation for the extermination of lice and mites is now being manufactured by us, and we guarantee it to give satisfaction or we will refund the purchase price. \$1.00 per box, delivered anywhere in the United States."

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O. B. ANDREWS, Originator-Breeder Efficiency Strain Barred Plymouth Rocks and S. C. White Leghorns. "ASK THE JUDGES" Chattanooga, Tenn.

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Photograph showing one style of the Andrews' Open Front Colony Houses. This is the most sanitary and the best colony house manufactured.

Manufacturers of Andrews' Safety Egg Carriers, Baby Chick Carriers, Colony Houses, Exhibition Shipping Coops.

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Birds for exhibition, well cooped arrive in the showroom in far better condition than when sent in the ordinary manner. You should investigate our Colony houses and shipping coops before the winter arrives

Andrews' Deathmite \$1.00 per box is guaranteed to give satisfaction or money refunded; a very valuable preparation for all poultrymen."

You can't afford to be without our catalog of Poultry Specialties. Sent upon request.



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The South's Leading Corrugated Box Mfrs.

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